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Ohio Labor Market Information Labor Market Review

August 1987

Summary. Ohio's seasonally adjusted unemployment rate declined from 7.1 percent in July to 7.0 percent in August. The national rate of 6.0 percent was unchanged. Total employment in Ohio, at 4,841,000, was down 27,000 over the month. The number of unemployed workers decreased by 8,000, to 364,000 in August. Seasonally adjusted nonagricultural wage and salary employment rose 19,000 from July, to 4,589,000 in August, as nearly all divisions had increased employment. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio was up 11,000 from July, to 1,087,000 in August. This was the first improvement in manufacturing employment since February. Employment in durable-goods industries, at 730,000, increased by 8,000. Nondurable-goods employment advanced 3,000, to 357,000.

Nonmanufacturing. Ohio's nonmanufacturing employment rose 8,000 in August, to 3,501,000. Retail trade was up 3,000, while services gained 2,000. Employment in mining and transportation and public utilities was unchanged from July. All other divisions had small increases in employment.

Over the Year. From August 1986 to August 1987, Ohio's civilian labor force rose 20,000. Total employment increased 78,000, while total unemployment declined 58,000, lowering the unemployment rate from 8.1 percent in August 1986 to 7.0 percent in August 1987. The U.S. rate fell from 6.8 percent to 6.0 percent during the same period. Nonfarm payroll employment increased 105,000 over the year. The largest gains occurred in services (57,000), retail trade (29,000), construction (15,000), and finance, insurance, and real estate (10,000). All other nonmanufacturing divisions had higher employment except mining, which fell 2,000. Manufacturing lost 16,000 jobs since August 1986, mostly in durable-goods industries. Nondurable-goods employment was up 2,000.

Factory Hours and Earnings. Manufacturing production workers in Ohio grossed $492.69 per week in August, up $7.49 from July. Their average workweek of 42.4 hours was .5 hours longer. Most industries had increased earnings due to more overtime. The most significant were motor vehicles and equipment, iron and steel foundries, fabricated structural metal products, and electrical industrial apparatus. The onset of the canning season created reduced earnings in preserved fruits and vegetables due to the hiring of lower-paid temporary workers.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law totaled 53,967 in August, down 31.7 percent from July, and down 18.7 percent from August 1986. Total benefits paid, at $43.1 million, were down 16.9 percent. The average weekly benefit check increased $.45, to $148.81. The average weekly number of benefit recipients fell

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

3.7 percent from July, to 71,759. There were 195,513 active employer accounts at the end of August.

Employment Service. The Ohio Bureau of Employment Services helped 40,304 new job applicants in August, down 9.5 percent from July, and down 20.2 percent from August 1986. Job openings from employers fell 17.3 percent from July, to 16,847. The Employment Services Division made 28,897 job referrals and 9,417 placements.

JOB TRAINING PARTNERSHIP AND YOUR BUSINESS

JTP-Ohio is a state job training program under the Job Training Partnership Act (JTPA). The federal law, JTPA, provides states with funds to help youths and adults who are unemployed, dislocated, or have other barriers to employment, train for jobs and become employed.

There are three basic program classifications under JTPA.

* Training and retraining for economically disadvantaged youths and adults are created under Title II-A.
* Summer employment programs for youths are authorized under Title II-B.
* Programs to serve dislocated workers whose jobs are lost through plant closings, permanent layoffs, or other causes beyond their control, are authorized under Title III.

For further information about JTP-Ohio, contact your local Ohio Bureau of Employment Services office, JTPA office, Private Industry Council or the state JTP-Ohio office at (614) 466-3817.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Aug. 1987	Jul. 1987	Aug. 1986	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,205	5,240	5,185	-35	20	-0.7	0.4
Employment	4,841	4,868	4,763	-27	78	-0.6	1.6
Unemployment	364	372	422	-8	-58	-2.2	-13.7
Unemployment Rate	7.0	7.1	8.1				
Employer Survey Data[e]							
Total	4,589	4,569	4,484	19	105	0.4	2.3
Manufacturing	1,087	1,076	1,103	11	-16	1.0	-1.4
Durable Goods	730	722	748	8	-17	1.2	-2.3
Nondurable Goods	357	354	355	3	2	0.8	0.5
Nonmanufacturing	3,501	3,493	3,381	8	121	0.2	3.6
Mining	20	20	22	0	-2	0.5	-7.8
Construction	175	174	161	1	15	0.6	9.1
Transportation and Public Utilities	210	210	207	0	3	-0.1	1.2
Wholesale Trade	250	250	246	1	4	0.2	1.7
Retail Trade	853	850	824	3	29	0.3	3.5
Finance, Insurance, and Real Estate	244	243	234	1	10	0.3	4.4
Services	1,062	1,060	1,005	2	57	0.2	5.6
Government	686	686	682	1	5	0.1	0.7
Goods Producing Industries[f]	1,283	1,271	1,286	12	-3	1.0	-0.2
Service Producing Industries[g]	3,306	3,299	3,198	7	108	0.2	3.4

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1985
5,132	4,675	457	8.9	7.1	August
5,167	4,701	466	9.0	7.1	September
5,172	4,707	465	9.0	7.1	October
5,192	4,727	465	9.0	7.0	November
5,185	4,754	431	8.3	7.0	December
					1986
5,218	4,759	459	8.8	6.8	January
5,325	4,869	456	8.6	7.2	February
5,297	4,896	401	7.6	7.2	March
5,248	4,823	425	8.1	7.1	April
5,214	4,784	430	8.2	7.2	May
5,204	4,752	452	8.7	7.1	June
5,204	4,777	427	8.2	7.0	July
5,185	4,763	422	8.1	6.8	August
5,163	4,734	429	8.3	7.0	September
5,214	4,810	404	7.7	6.9	October
5,264	4,875	389	7.4	6.9	November
5,276	4,861	415	7.9	6.7	December
					1987
5,287	4,850	437	8.3	6.7	January
5,303	4,848	455	8.6	6.7	February
5,215	4,824	391	7.5	6.6	March
5,223	4,846	377	7.2	6.3	April
5,294	4,878	416	7.9	6.3	May
5,237	4,859	378	7.2	6.1	June
5,240	4,868	372	7.1	6.0	July
5,205	4,841	364	7.0	6.0	August

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1985
4,380	1,119	763	356	August
4,385	1,114	759	355	September
4,398	1,117	762	356	October
4,410	1,120	763	357	November
4,422	1,123	766	357	December
				1986
4,438	1,124	767	357	January
4,440	1,122	764	357	February
4,440	1,117	760	356	March
4,459	1,117	761	356	April
4,464	1,112	756	356	May
4,466	1,111	755	356	June
4,472	1,103	749	354	July
4,484	1,103	748	355	August
4,488	1,100	744	355	September
4,497	1,094	739	355	October
4,517	1,103	747	356	November
4,532	1,106	750	356	December
				1987
4,556	1,106	748	358	January
4,564	1,108	750	358	February
4,563	1,099	741	357	March
4,570	1,098	741	357	April
4,572	1,091	735	356	May
4,567	1,084	731	354	June
4,569	1,076	722	354	July
4,589	1,087	730	357	August

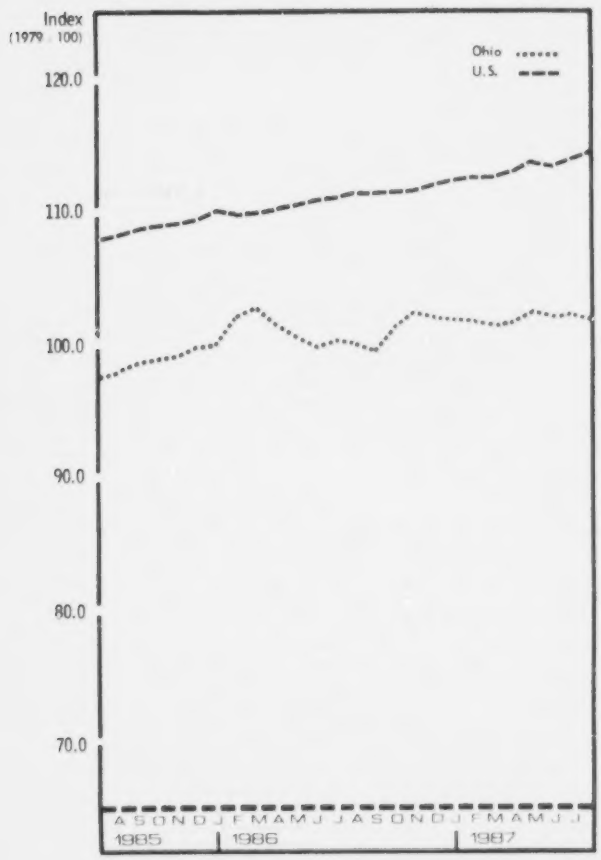
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

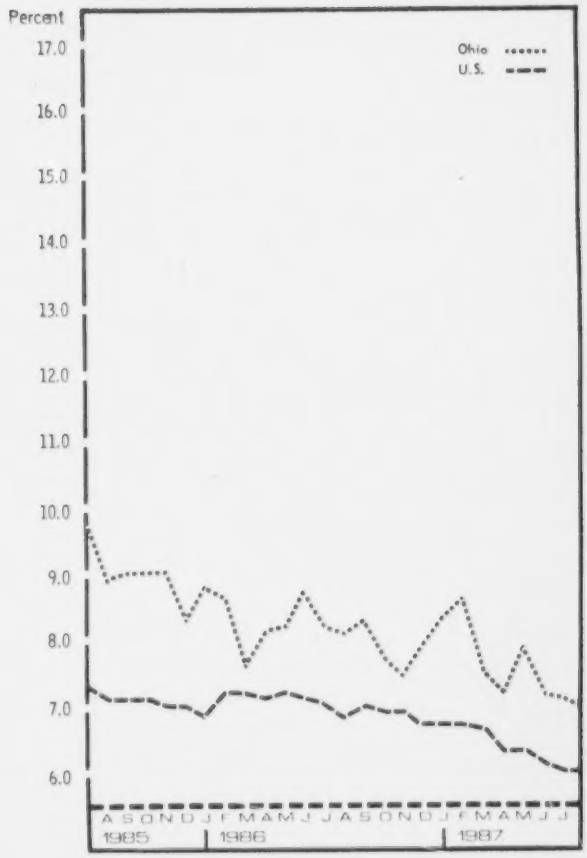
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
					1985				
3,261	25	154	202	243	August	793	220	956	667
3,272	25	155	202	244	September	794	222	959	671
3,280	25	156	202	244	October	798	223	962	670
3,290	25	155	203	244	November	801	224	965	672
3,300	25	158	203	244	December	802	225	969	673
					1986				
3,314	25	158	203	245	January	806	226	974	677
3,319	25	158	202	245	February	809	227	977	676
3,323	24	156	203	244	March	811	227	981	676
3,342	23	161	203	245	April	813	229	989	678
3,352	23	161	203	245	May	816	231	994	679
3,355	22	160	202	245	June	818	231	996	680
3,369	22	160	206	245	July	820	233	1002	680
3,381	22	161	207	246	August	824	234	1005	682
3,388	22	162	208	247	September	826	234	1008	682
3,402	22	162	209	247	October	831	236	1013	682
3,414	22	164	210	247	November	833	236	1020	682
3,426	22	165	210	249	December	836	237	1026	682
					1987				
3,450	22	171	210	249	January	840	239	1032	687
3,456	21	171	211	249	February	842	240	1036	686
3,465	21	170	210	249	March	845	240	1040	688
3,472	21	171	211	249	April	846	242	1045	688
3,481	21	173	211	250	May	847	242	1050	689
3,483	20	174	210	249	June	847	242	1052	689
3,493	20	174	210	250	July	850	243	1060	686
3,501	20	175	210	250	August	853	244	1062	686

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,139	4,684	456	8.9	7.2	1985
5,234	4,809	426	8.1	7.0	1986
					1986
5,261	4,838	423	8.0	6.7	August
5,189	4,755	434	8.4	6.8	September
5,263	4,855	408	7.8	6.6	October
5,282	4,894	388	7.3	6.6	November
5,259	4,841	418	7.9	6.3	December
					1987
5,196	4,744	452	8.7	7.3	January
5,205	4,732	473	9.1	7.2	February
5,154	4,749	405	7.9	6.9	March
5,205	4,837	367	7.1	6.2	April
5,264	4,892	372	7.1	6.1	May
5,293	4,909	384	7.3	6.3	June
5,325	4,967	358	6.7	6.1	July
5,272	4,908	364	6.9	5.8	August

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Total Nonagricultural				
	Manufacturing			
		Durable	Nondurable	
4,094.6	1,295.3	910.6	384.6	1976
4,230.1	1,344.1	945.2	398.9	1977
4,394.9	1,377.2	974.5	402.7	1978
4,484.8	1,382.3	980.5	401.8	1979
4,367.4	1,264.3	882.6	381.8	1980
4,317.7	1,232.6	860.4	372.2	1981
4,124.3	1,099.9	752.4	347.5	1982
4,092.5	1,066.0	723.6	342.4	1983
4,260.2	1,127.0	773.4	353.6	1984
4,372.9	1,124.3	768.7	355.5	1985
4,475.2	1,109.3	753.2	356.1	1986
				1986
4,488.4	1,107.4	748.4	359.0	August
4,531.8	1,109.4	748.0	361.4	September
4,546.2	1,098.4	741.5	356.9	October
4,563.9	1,105.8	749.1	356.7	November
4,569.4	1,106.3	749.6	356.7	December
				1987
4,466.2	1,095.7	741.2	354.6	January
4,467.2	1,096.0	742.4	353.6	February
4,492.3	1,092.1	738.4	353.6	March
4,556.9	1,094.4	740.1	354.3	April
4,600.3	1,091.0	736.4	354.5	May
4,614.8	1,091.8	736.4	355.4	June
4,576.6	1,078.8	723.4	355.3	July
4,596.8	1,091.8	731.2	360.6	August

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,366.0	22.7	160.8	205.5	246.0	1986	820.5	231.8	998.8	679.8
					1986				
3,381.0	22.3	179.1	209.9	247.9	August	832.0	236.4	1,015.5	637.9
3,422.4	22.1	180.0	210.8	247.6	September	834.9	235.4	1,021.7	670.0
3,447.7	22.0	180.3	211.4	248.2	October	839.5	235.4	1,019.1	691.8
3,458.0	22.1	174.2	211.2	248.9	November	850.9	236.0	1,018.7	696.1
3,463.1	21.8	163.1	211.5	249.1	December	865.1	237.1	1,017.4	698.0
					1987				
3,370.4	21.2	144.7	205.1	246.7	January	821.3	236.6	1,006.1	688.8
3,371.2	20.7	139.6	205.8	246.1	February	810.4	237.4	1,014.1	697.2
3,400.3	20.5	145.6	206.6	246.9	March	817.0	238.3	1,023.5	701.9
3,462.5	20.3	160.7	209.4	248.5	April	835.5	240.4	1,047.5	700.1
3,509.3	20.4	173.8	210.8	249.8	May	848.4	242.0	1,059.5	704.6
3,523.0	20.4	182.5	211.9	251.4	June	854.6	244.3	1,069.9	688.0
3,497.9	20.6	190.8	212.1	251.6	July	855.9	246.3	1,072.8	647.8
3,505.0	20.6	195.3	212.5	252.1	August	861.5	246.8	1,073.7	642.5

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment

(in thousands)

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,124.3	768.7	355.5	1985	773.4	369.7	32.5
1,109.3	753.2	356.1	1986	758.0	368.9	31.9
			1986			
1,107.4	748.4	359.0	August	753.5	362.7	31.6
1,109.4	748.0	361.4	September	756.4	368.6	32.0
1,098.4	741.5	356.9	October	746.3	360.9	31.3
1,105.8	749.1	356.7	November	755.2	375.4	32.2
1,106.3	749.6	356.7	December	755.4	383.8	32.6
			1987			
1,095.7	741.2	354.6	January	746.3	375.1	31.9
1,096.0	742.4	353.6	February	747.3	373.0	31.7
1,092.1	738.4	353.6	March	744.9	371.4	31.7
1,094.4	740.1	354.3	April	748.5	369.0	31.5
1,091.0	736.4	354.5	May	745.2	370.9	31.7
1,091.8	736.4	355.4	June	745.5	371.6	31.8
1,078.8	723.4	355.3	July	731.6	355.0	30.7
1,091.8	731.2	360.6	August	745.0	367.1	31.6

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings			
	Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods	
$252.54	$258.75	$235.00	1976	41.2	41.4	41.3	1976	$6.10	$6.25	$5.69	
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24	
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73	
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80	
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	
486.68	507.95	439.71	1986	42.1	42.4	41.6	1986	11.56	11.98	10.57	
			1986				1986				
481.43	500.99	439.30	August	41.9	42.1	41.6	August	11.49	11.90	10.56	
487.30	507.03	443.72	September	42.3	42.5	41.9	September	11.52	11.93	10.59	
483.53	502.25	444.52	October	41.9	42.1	41.7	October	11.54	11.93	10.66	
497.14	517.80	449.40	November	42.6	42.9	42.0	November	11.67	12.07	10.70	
508.15	531.14	454.92	December	43.1	43.5	42.2	December	11.79	12.21	10.78	
			1987				1987				
502.58	524.96	449.53	January	42.7	43.1	41.7	January	11.77	12.18	10.78	
499.05	520.88	446.71	February	42.4	42.8	41.4	February	11.77	12.17	10.79	
498.53	519.95	448.86	March	42.5	42.9	41.6	March	11.73	12.12	10.79	
492.99	514.25	443.72	April	42.1	42.5	41.2	April	11.71	12.10	10.77	
497.68	517.45	450.78	May	42.5	42.8	41.7	May	11.71	12.09	10.81	
498.42	517.37	453.95	June	42.6	42.9	41.8	June	11.70	12.06	10.86	
485.20	501.76	450.02	July	41.9	42.2	41.4	July	11.58	11.89	10.87	
492.69	510.77	452.94	August	42.4	42.6	41.9	August	11.62	11.99	10.81	

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

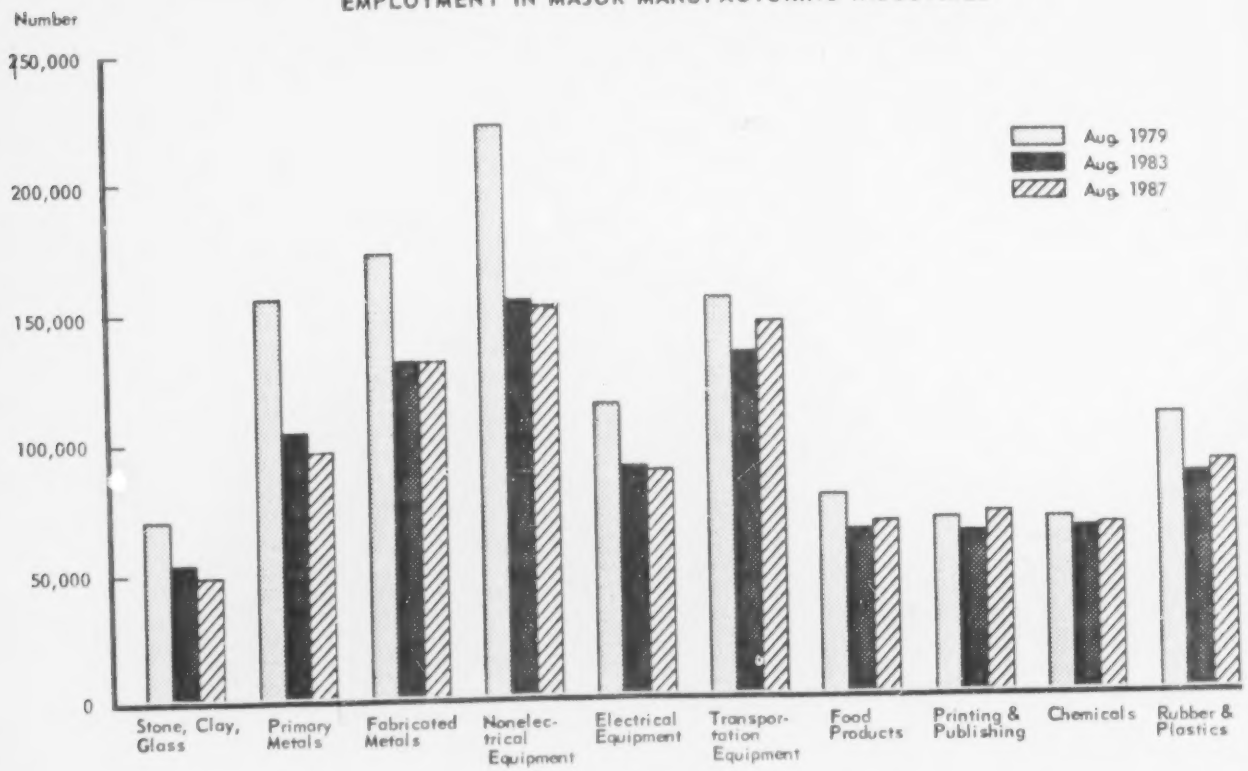
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.4	95.4	136.8	1986	158.7	89.8	153.5	1986	62.6	68.6	91.5
			1986				1986			
50.6	91.9	135.5	August	158.3	90.4	151.1	August	66.2	68.9	90.2
50.4	90.1	137.2	September	158.1	90.1	151.2	September	66.6	69.3	91.2
48.6	90.9	136.0	October	152.7	90.1	152.5	October	63.1	69.4	90.6
49.2	93.6	136.3	November	156.0	90.2	153.8	November	62.4	69.4	90.9
49.0	94.1	136.0	December	156.1	90.2	154.4	December	62.7	69.1	91.3
			1987				1987			
47.8	93.8	134.3	January	155.0	90.6	151.7	January	62.0	68.8	91.3
47.9	95.5	133.5	February	154.1	89.8	153.6	February	61.5	69.1	90.8
47.7	96.7	133.3	March	153.8	89.0	148.9	March	61.5	69.1	90.4
48.0	96.7	132.5	April	153.5	88.0	151.6	April	62.2	69.3	89.8
48.2	95.5	131.8	May	153.2	87.3	150.3	May	62.7	69.3	88.9
48.4	95.9	133.2	June	153.6	87.5	147.1	June	62.7	69.3	88.8
47.8	94.4	130.4	July	151.7	87.6	140.7	July	63.2	69.8	88.0
48.6	96.0	131.3	August	151.8	87.2	144.2	August	66.9	69.8	89.0

Average Weekly Earnings of Production Workers

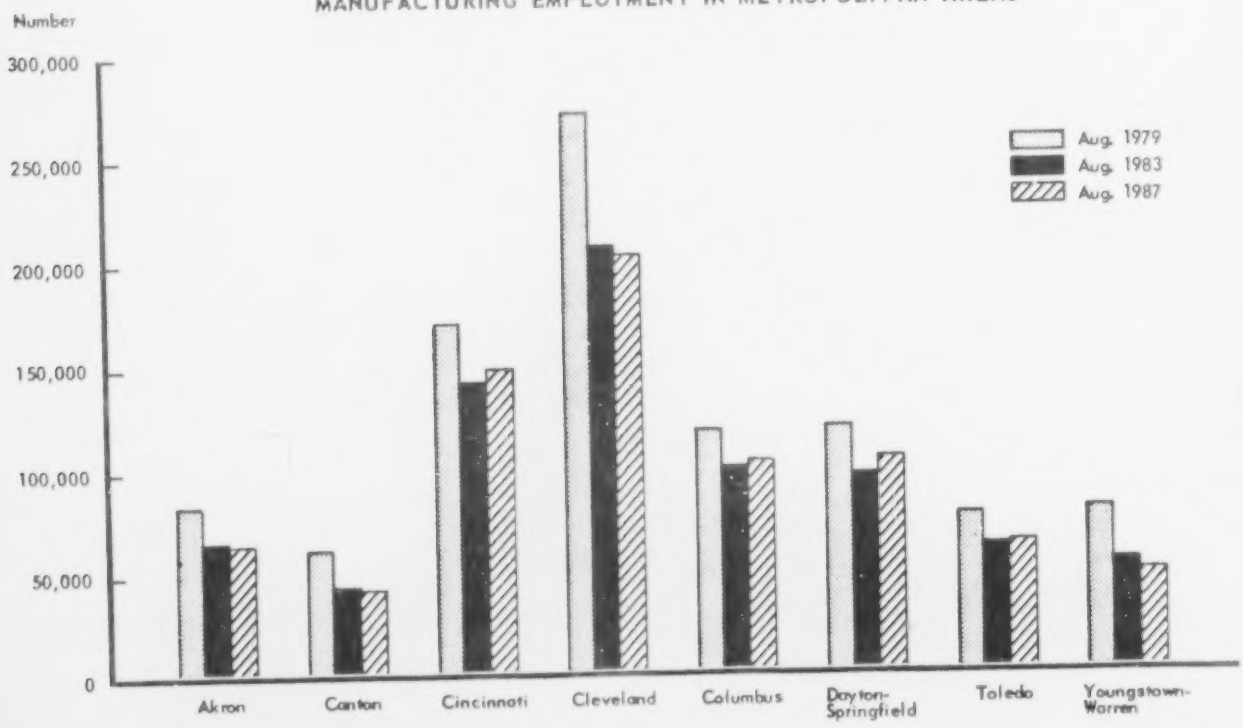
$232.40	$294.58	$256.68	1976	$253.31	$221.54	$[illegible]	1976	$242.92	$252.20	$237.30
253.95	329.54	290.44	1977	279.18	248.44	359.[illegible]	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
			1986				1986			
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.65
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.34
447.44	563.50	488.36	October	482.58	456.77	610.76	October	426.72	418.95	443.23
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
441.00	596.23	515.70	December	510.82	489.89	656.48	December	436.77	429.46	444.19
			1987				1987			
441.31	593.61	515.91	January	498.53	473.61	647.91	January	438.46	416.96	443.59
440.67	590.46	510.27	February	499.80	457.47	646.46	February	435.77	420.53	433.82
449.35	587.80	506.75	March	506.32	463.29	640.46	March	436.60	415.56	438.35
447.68	595.35	491.82	April	495.33	461.61	630.08	April	430.56	414.02	431.38
457.52	594.49	495.33	May	497.14	463.14	634.04	May	440.11	418.88	435.27
453.46	599.86	501.50	June	505.36	457.32	628.65	June	445.79	422.28	441.58
446.42	597.64	473.20	July	494.89	449.21	604.07	July	434.92	420.81	436.60
443.92	604.80	478.30	August	490.03	468.16	629.01	August	434.26	423.83	447.20

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	4596.8	4576.6	4488.4	20.1	108.3
MANUFACTURING	1091.8	1078.8	1107.4	13.0	- 15.6
Durable Goods[e]	731.2	723.4	748.4	7.7	- 17.2
Lumber and wood products	20.7	20.4	18.8	.4	1.9
Furniture and fixtures	14.8	14.3	14.7	.6	.1
Stone, clay, and glass products	48.6	47.8	50.6	.8	- 2.0
Glass and glassware, pressed or blown.	10.3	9.7	11.1	.6	- .8
Primary metal industries	96.0	94.4	91.9	1.5	4.1
Blast furnace and basic steel products	44.8	44.7	41.5	.1	3.3
Iron and steel foundries	19.3	19.2	19.3	.2	.0
Nonferrous rolling and drawing	16.9	16.2	17.4	.7	- .5
Fabricated metal products	131.3	130.4	135.5	.9	- 4.2
Cutlery, hand tools, and hardware	9.8	9.7	10.2	.1	- .3
Fabricated structural metal products	28.7	28.6	29.7	.2	- .9
Metal forgings and stampings	39.9	39.8	41.3	.1	- 1.4
Machinery, except electrical	151.8	151.7	158.3	.1	- 6.5
Construction and related machinery	11.7	11.8	12.8	- .1	- 1.1
Metalworking machinery	38.7	38.5	41.5	.1	- 2.8
Special industry machinery	16.6	16.4	17.2	.2	- .6
General industrial machinery	26.1	26.2	27.9	- .1	- 1.8
Office and computing machines	13.7	14.0	13.7	- .3	.1
Refrigeration and service machinery	16.8	16.7	16.0	.1	.8
Electric and electronic equipment	87.2	87.6	90.4	- .4	- 3.2
Electrical industrial apparatus	16.8	16.6	17.1	.2	- .3
Household appliances	16.7	16.7	17.3	.1	- .6
Electric lighting and wiring equipment	17.1	17.4	18.0	- .2	- .8
Communication equipment	10.0	10.0	10.5	.0	- .5
Transportation equipment	144.2	140.7	151.1	3.4	- 6.9
Motor vehicles and equipment	91.2	87.5	95.2	3.7	- 4.0
Aircraft and parts	43.3	43.7	46.8	- .4	- 3.5
Instruments and related products	22.2	22.0	22.9	.2	- .7
Measuring and controlling devices	12.1	12.0	12.1	.1	.1
Nondurable Goods[f]	360.6	355.3	359.0	5.3	1.6
Food and kindred products	66.9	63.2	66.2	3.8	.8
Meat products	9.7	9.8	9.8	- .1	- .1
Dairy products	10.6	10.6	10.2	.0	.3
Preserved fruits and vegetables	13.9	10.2	13.5	3.8	.5
Bakery products	9.0	9.1	8.7	.0	.3
Beverages	10.2	10.2	10.4	.0	- .2
Apparel and other textile products	15.9	15.7	16.1	.1	- .2
Paper and allied products	37.4	37.1	36.8	.3	.6
Misc. converted paper products	11.9	11.9	11.8	.0	.1
Paperboard containers and boxes	13.2	12.9	12.4	.3	.8
Printing and publishing	69.8	69.8	68.9	.0	.9
Newspapers	19.4	19.4	19.4	.0	.0
Commercial printing	26.3	26.5	26.3	- .2	.0
Chemicals and allied products	64.7	64.5	63.6	.1	1.1
Industrial inorganic chemicals	10.1	9.9	10.0	.2	.2
Rubber and misc. plastics products	89.0	88.0	90.2	1.0	- 1.3
Tires and inner tubes	16.6	16.6	17.8	.0	- 1.2
Miscellaneous plastics products	53.0	52.5	52.4	.5	.5

See footnotes on page 13.

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
NONMANUFACTURING	3505.0	3497.9	3381.0	7.1	123.9
MINING	20.6	20.6	22.3	.0	- 1.7
Bituminous coal and lignite mining	9.3	9.2	10.0	.1	- .7
Oil and gas extraction	6.3	6.5	7.4	- .2	- 1.1
CONSTRUCTION	195.3	190.8	179.1	4.6	16.3
General building contractors	49.7	48.6	44.9	1.1	4.8
Heavy construction contractors	26.5	25.8	25.4	.7	1.1
Highway and street construction	13.4	13.0	12.5	.4	1.0
Special trade contractors	119.2	116.3	108.8	2.8	10.4
TRANSPORTATION AND PUBLIC UTILITIES	212.5	212.1	209.9	.4	2.6
Railroad transportation	14.7	14.9	16.1	- .2	- 1.4
Transportation, except railroads	103.4	102.7	98.8	.7	4.6
Trucking and warehousing	71.9	71.2	69.2	.6	2.7
Communication, electric, gas services	94.4	94.5	95.0	- .1	- .6
Communication	52.8	52.9	52.6	- .1	.2
Electric, gas, and sanitary services	41.6	41.6	42.4	.0	- .8
WHOLESALE TRADE	252.1	251.6	247.9	.5	4.2
Wholesale trade-durable goods	159.1	158.8	156.8	.2	2.3
Motor vehicles & automotive equipment	22.4	22.5	22.7	.0	- .3
Electrical goods	20.6	20.6	20.5	.0	.2
Machinery, equipment, and supplies	68.7	68.6	67.5	.1	1.2
Wholesale trade-nondurable goods	93.0	92.7	91.1	.3	2.0
Groceries and related products	29.8	29.6	28.8	.3	1.0
RETAIL TRADE	861.5	855.9	832.0	5.5	29.4
General merchandise stores	112.2	111.0	112.3	1.2	- .1
Department stores	98.9	98.0	100.3	.9	- 1.4
Food stores	132.0	131.7	128.8	.4	3.2
Automotive dealers & service stations	97.0	96.9	92.6	.1	4.4
Apparel and accessory stores	40.5	39.7	38.5	.8	2.0
Eating and drinking places	310.1	308.1	299.8	2.0	10.3
FINANCE, INSURANCE, AND REAL ESTATE	246.8	246.3	236.4	.5	10.4
Banking	63.7	63.5	62.3	.2	1.3
Credit agencies other than banks	39.0	38.9	37.4	.1	1.6
Insurance carriers	65.9	65.8	63.7	.1	2.2
Life insurance	24.0	23.9	23.7	.1	.3
Fire, marine, and casualty insurance	29.4	29.4	28.8	- .1	.6
SERVICES	1073.7	1072.8	1015.5	.9	58.2
Hotels and other lodging places	36.7	36.6	35.9	.1	.8
Personal services	56.8	56.7	53.3	.1	3.5
Laundry, cleaning, & garment services	18.8	18.8	18.0	.0	.7
Business services	219.5	218.2	197.8	1.3	21.7
Services to buildings	30.2	30.0	28.4	.2	1.8
Computer and data processing services	20.1	20.0	18.1	.1	2.0
Amusement and recreation services	54.7	54.5	52.5	.2	2.2
Health services	364.8	364.0	347.3	.9	17.6
Nursing and personal care facilities	80.8	80.5	77.2	.4	3.7
Hospitals	179.0	178.9	171.0	.2	8.0
Educational services	45.2	46.3	45.4	- 1.0	- .1
Colleges and universities	21.2	21.9	22.2	- .7	- 1.0
GOVERNMENT	642.5	647.8	637.9	- 5.3	4.6
Federal government	95.0	94.9	94.5	.0	.5
State government	135.1	136.2	131.4	- 1.1	3.7
State government education[1]	58.8	60.2	56.3	- 1.4	2.5
State government, except education	76.3	76.0	75.1	.3	1.1
Local government	412.4	416.7	412.0	- 4.2	.4
Local government education	217.1	219.9	218.8	- 2.7	- 1.7
Local government, except education	195.3	196.8	193.2	- 1.5	2.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$492.69	$485.20	$481.43	42.4	41.9	41.9	$11.62	$11.58	$11.49
Durable Goods[e]	510.77	501.76	500.99	42.6	42.2	42.1	11.99	11.89	11.90
Lumber and wood products	300.44	298.48	305.76	41.1	41.0	41.6	7.31	7.28	7.35
Furniture and fixtures	361.38	349.92	336.56	41.3	40.5	40.5	8.75	8.64	8.31
Stone, clay, and glass products	443.92	446.42	449.86	41.8	41.8	41.5	10.62	10.68	10.84
Glass and glassware, pressed or blown.	454.17	464.47	472.65	39.7	39.8	41.1	11.44	11.67	11.50
Primary metal industries	604.80	597.64	566.46	44.8	44.5	42.4	13.50	13.43	13.36
Blast furnace and basic steel products	629.18	638.02	580.25	45.2	46.1	42.2	13.92	13.84	13.75
Iron and steel foundries	625.61	586.28	598.19	45.4	43.3	43.6	13.78	13.54	13.72
Nonferrous rolling and drawing	601.44	601.27	573.01	42.0	41.9	40.9	14.32	14.35	14.01
Fabricated metal products	478.30	473.20	486.99	41.7	41.4	42.2	11.47	11.43	11.54
Cutlery, hand tools, and hardware	458.54	462.00	461.78	39.7	40.0	39.3	11.55	11.55	11.75
Fabricated structural metal products	457.06	428.68	453.49	43.2	41.7	44.2	10.58	10.28	10.26
Metal forgings and stampings	573.50	569.66	616.76	41.8	41.4	43.1	13.72	13.76	14.31
Machinery, except electrical	490.03	494.89	481.85	42.5	42.7	41.9	11.53	11.59	11.50
Construction and related machinery	400.58	409.65	413.48	40.3	40.6	40.3	9.94	10.09	10.26
Metalworking machinery	476.44	470.30	458.70	43.0	42.6	41.7	11.08	11.04	11.00
Special industry machinery	479.12	469.13	458.22	42.4	41.7	42.0	11.30	11.25	10.91
General industrial machinery	504.61	506.52	484.98	41.6	42.0	41.1	12.13	12.06	11.80
Office and computing machines	449.83	410.31	419.43	45.3	42.3	43.6	9.93	9.70	9.62
Refrigeration and service machinery	555.24	573.33	567.09	42.0	43.5	42.1	13.22	13.18	13.47
Electric and electronic equipment	468.16	449.21	452.35	41.8	40.8	41.5	11.20	11.01	10.90
Electrical industrial apparatus	491.24	457.75	421.45	43.9	41.5	40.1	11.19	11.03	10.51
Household appliances	484.51	474.37	490.14	41.2	41.0	42.4	11.76	11.57	11.56
Electric lighting and wiring equipment	447.43	435.97	450.84	40.2	39.1	40.8	11.13	11.15	11.05
Communication equipment	480.80	497.95	480.73	40.0	41.6	41.3	12.02	11.97	11.64
Transportation equipment	629.01	604.07	616.40	43.5	42.6	43.5	14.46	14.18	14.17
Motor vehicles and equipment	644.30	616.77	633.91	43.3	42.1	43.3	14.88	14.65	14.64
Aircraft and parts	610.54	583.88	587.78	44.5	44.0	44.8	13.72	13.27	13.12
Instruments and related products	374.51	358.27	349.71	41.2	39.5	38.9	9.09	9.07	8.99
Measuring and controlling devices	358.54	355.74	331.60	39.4	38.5	36.6	9.10	9.24	9.06
Nondurable Goods[f]	452.94	450.02	439.30	41.9	41.4	41.6	10.81	10.87	10.56
Food and kindred products	434.26	434.92	422.99	42.7	41.5	42.9	10.17	10.48	9.86
Meat products	379.26	360.00	383.88	42.0	40.0	42.0	9.03	9.00	9.14
Dairy products	465.48	479.60	460.08	43.3	44.0	43.2	10.75	10.90	10.65
Preserved fruits and vegetables	413.40	417.60	410.85	43.7	40.0	45.0	9.46	10.44	9.13
Bakery products	461.60	459.33	458.80	40.0	39.7	40.0	11.54	11.57	11.47
Beverages	431.60	433.86	425.52	41.7	42.0	41.8	10.35	10.33	10.18
Apparel and other textile products	292.86	280.49	270.07	39.1	37.7	37.2	7.49	7.44	7.26
Paper and allied products	495.95	493.06	483.34	44.4	44.3	44.1	11.17	11.13	10.96
Misc. converted paper products	460.24	443.07	459.78	44.0	43.1	44.9	10.46	10.28	10.24
Paperboard containers and boxes	434.16	433.01	412.30	43.2	43.0	41.9	10.05	10.07	9.84
Printing and publishing	423.83	420.81	410.80	38.6	38.5	38.5	10.98	10.93	10.67
Newspapers	359.15	354.98	348.16	34.5	34.1	34.2	10.41	10.41	10.18
Commercial printing	423.34	419.89	416.16	39.9	39.8	39.9	10.61	10.55	10.43
Chemicals and allied products	532.98	527.92	509.99	42.0	41.7	41.7	12.69	12.66	12.23
Industrial inorganic chemicals	599.00	565.55	556.19	43.5	42.3	41.6	13.77	13.37	13.37
Rubber and misc. plastics products	447.20	436.60	438.65	43.0	41.9	42.3	10.40	10.42	10.37
Tires and inner tubes	634.11	656.83	660.81	45.1	45.9	46.7	14.06	14.31	14.15
Miscellaneous plastics products	428.83	420.58	419.42	42.5	41.6	41.9	10.09	10.11	10.01

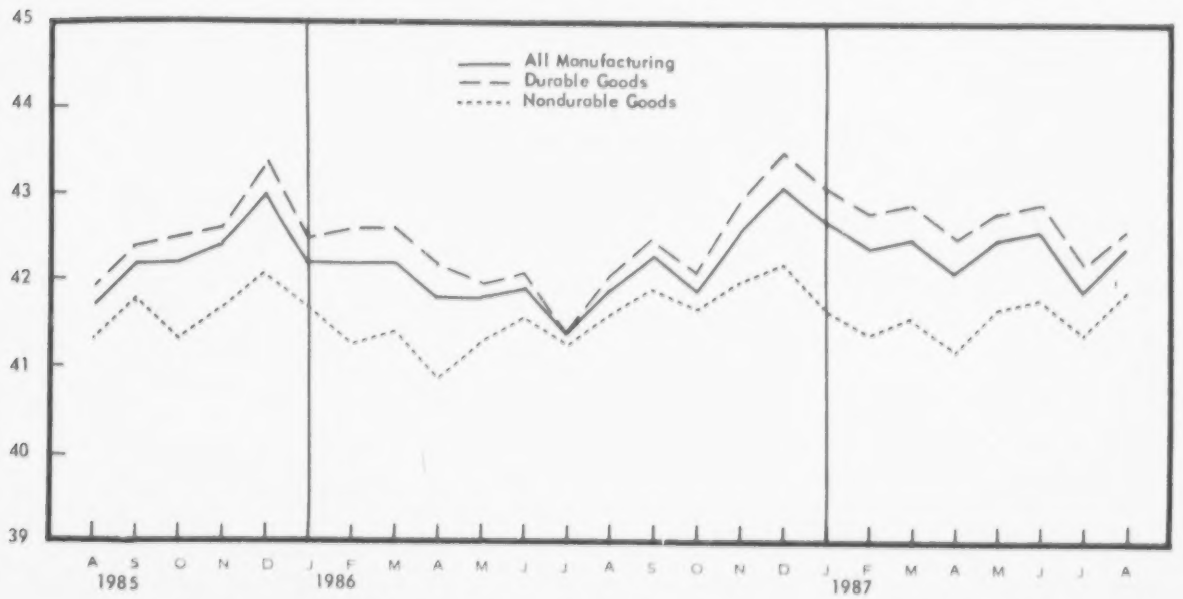
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

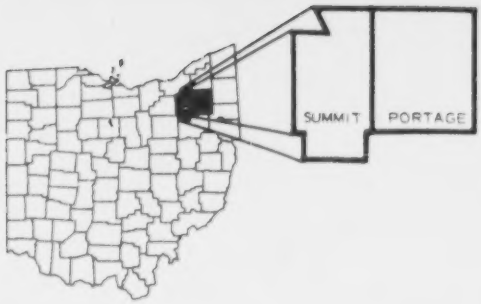
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MINING	$543.80	$530.50	$524.18	43.4	43.2	43.5	$12.53	$12.28	$12.05
Bituminous coal and lignite mining	660.57	630.24	631.08	42.7	41.3	42.1	15.47	15.26	14.99
CONSTRUCTION	584.78	569.30	595.81	39.7	39.1	39.8	14.73	14.56	14.97
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	561.29	566.48	536.61	41.0	41.5	40.9	13.69	13.65	13.12
Communication	555.01	559.42	524.88	40.9	41.5	40.5	13.57	13.48	12.96
Electric, gas, and sanitary services	571.03	576.99	551.45	41.2	41.6	41.4	13.86	13.87	13.32
WHOLESALE TRADE	378.02	378.97	366.81	39.5	39.6	39.4	9.57	9.57	9.31
Wholesale trade-durable goods	373.91	374.30	362.61	39.4	39.4	39.5	9.49	9.50	9.18
Wholesale trade-nondurable goods	383.15	386.80	373.01	39.5	40.0	39.1	9.70	9.67	9.54
RETAIL TRADE[h]	164.93	163.52	159.10	29.4	29.2	29.3	5.61	5.60	5.43
General merchandise stores	184.21	186.00	183.92	30.1	30.0	30.4	6.12	6.20	6.05
Department stores	190.61	191.77	188.80	30.4	30.2	30.5	6.27	6.35	6.19
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	262.23	260.42	249.66	....	....	....	.....	.....	.....
Credit agencies other than banks	250.31	254.53	244.47	....	....	....	.....	.....	.....
Insurance carriers	347.14	345.41	327.20	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	333.33	333.33	321.55	33.3	33.3	33.6	10.01	10.01	9.57

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



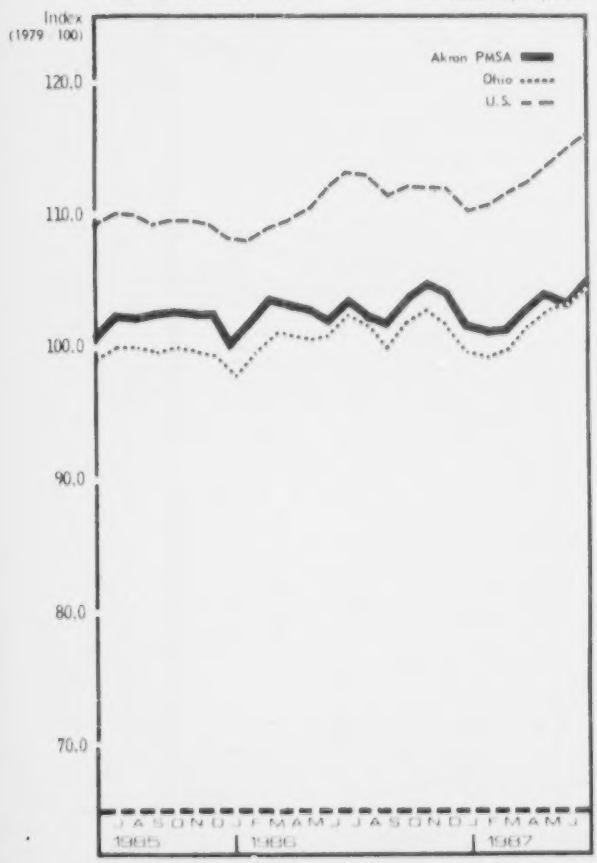
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



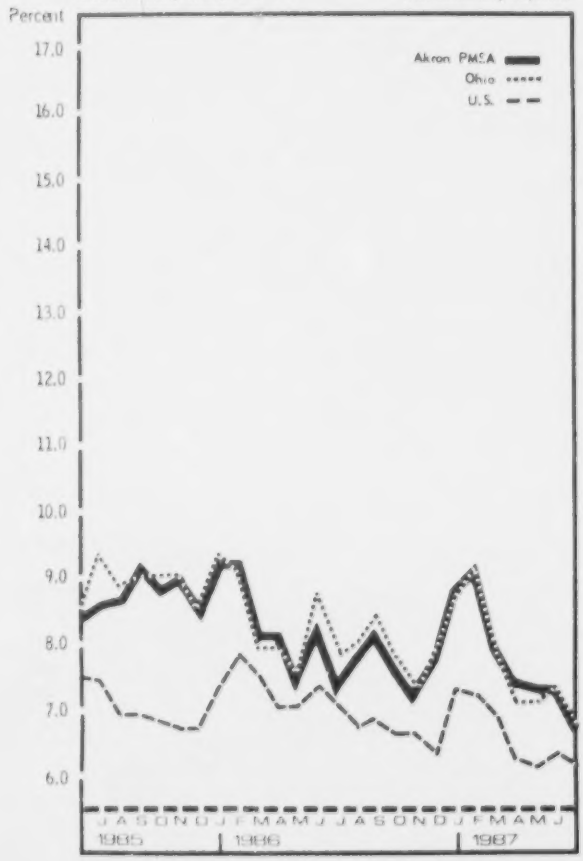
Nonagricultural wage and salary employment for the Akron metropolitan area totaled 263,400 in August, an increase of 500 from July. Manufacturing employment rose slightly, to 64,400. Nonmanufacturing divisions recorded a growth of 300, as scattered gains in construction, retail trade, and services offset the loss in government. Manufacturing production workers averaged a 42.7 hour workweek, up .6 hours from the previous month. Their average hourly earnings were $11.09, down $.06 from July.

Nonfarm wage and salary employment in the Akron area advanced 6,300 from August 1986 to August 1987. Nonmanufacturing industries added 8,000 new jobs over the year. The primary sectors of expansion were construction, retail trade, and services. Setbacks in fabricated metal products and rubber and miscellaneous plastics products, especially tires and inner tubes, accounted for the loss of 1,700 manufacturing jobs from August 1986.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



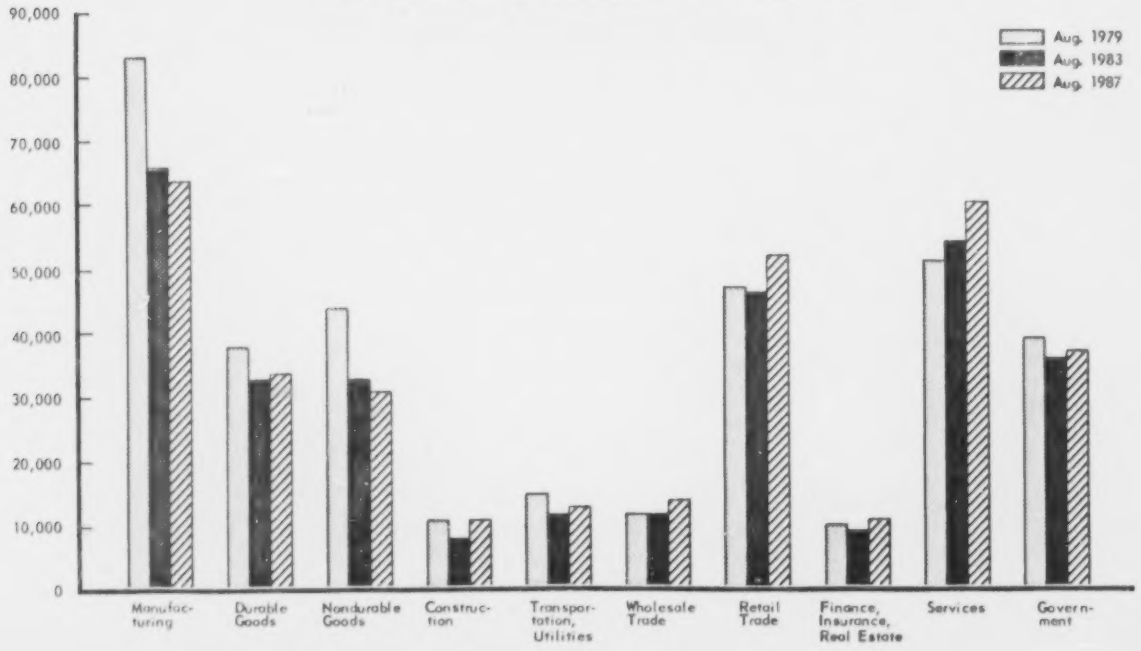
AKRON PMSA LABOR FORCE & EMPLOYMENT DATA

(Employed & Unemployed in Thousands

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	$253.44	42.1	$ 6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.5	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
317.8	289.9	28.0	8.8	1985	257.6	68.1	37.3	475.20	43.2	11.00
319.5	293.9	25.6	8.0	1986	260.0	66.8	36.2	484.70	43.2	11.22
				1986						
319.0	295.9	23.2	7.3	July	257.6	66.5	35.7	472.86	42.6	11.10
317.2	292.5	24.7	7.8	August	257.1	66.1	35.6	491.81	43.6	11.28
317.0	291.0	26.1	8.2	September	263.9	66.7	36.3	490.16	43.3	11.32
320.4	296.2	24.3	7.6	October	263.9	66.5	36.0	488.91	43.0	11.37
323.4	300.2	23.2	7.2	November	265.7	66.7	36.2	491.62	43.2	11.38
322.9	297.8	25.2	7.8	December	266.4	67.0	36.3	498.08	43.5	11.45
				1987						
318.2	290.0	28.1	8.8	January	259.5	66.6	36.2	489.62	43.1	11.36
318.0	288.7	29.2	9.2	February	259.2	66.2	35.9	487.05	42.5	11.46
314.4	289.3	25.1	8.0	March	260.5	65.2	35.4	483.64	42.8	11.30
316.9	293.4	23.5	7.4	April	263.4	64.7	34.9	483.75	43.0	11.25
320.9	297.5	23.4	7.3	May	266.8	64.5	35.0	487.19	43.0	11.33
317.3	294.3	23.1	7.3	June	262.8	64.5	35.0	488.32	43.1	11.33
321.2	299.6	21.6	6.7	July	262.9	64.2	34.9	469.42	42.1	11.15
INA	INA	INA	INA	August	263.4	64.4	35.2	473.54	42.7	11.09

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	263.4	262.9	257.1	.5	6.3
MANUFACTURING	64.4	64.2	66.1	.2	- 1.7
Durable Goods[e]	33.5	33.3	34.6	.2	- 1.1
Fabricated metal products	12.1	12.1	12.8	.0	- .8
Machinery, except electrical	9.2	9.1	9.2	.1	- .1
Metalworking machinery	3.1	3.0	3.0	.0	.0
Nondurable Goods[f]	30.9	30.9	31.5	.0	- .6
Food and kindred products	2.9	2.9	2.8	.0	.1
Chemicals and allied products	3.0	3.0	2.9	.0	.1
Rubber and misc. plastics products	19.3	19.3	20.4	.0	- 1.1
Tires and inner tubes	12.1	12.1	13.5	.0	- 1.4
NONMANUFACTURING[g]	198.9	198.6	190.9	.3	8.0
CONSTRUCTION	11.2	11.0	9.8	.2	1.4
TRANSPORTATION AND PUBLIC UTILITIES	13.5	13.5	13.2	.0	.4
Communication, electric, gas services	5.5	5.5	5.4	.0	.1
WHOLESALE TRADE	13.7	13.8	13.6	- .1	.2
RETAIL TRADE	52.3	52.2	50.4	.1	1.9
General merchandise stores	6.5	6.5	6.3	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	10.6	10.6	10.1	.0	.5
Banking	3.2	3.2	3.2	.0	.0
SERVICES	59.7	59.5	56.9	.2	2.9
Business services	11.3	11.2	10.5	.1	.9
Amusement and recreation services	4.6	4.6	4.5	.0	.1
Health services	18.2	18.1	17.5	.1	.7
GOVERNMENT	37.2	37.3	36.4	- .1	.8
State government	10.5	10.5	10.6	.0	- .1
State government education[1]	7.5	7.4	7.5	.1	- .1
State government, except education	3.0	3.1	3.1	- .1	- .1
Local government	24.3	24.4	23.4	- .1	.9
Local government education	12.4	12.1	11.7	.2	.6
Local government, except education	12.0	12.3	11.7	- .3	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

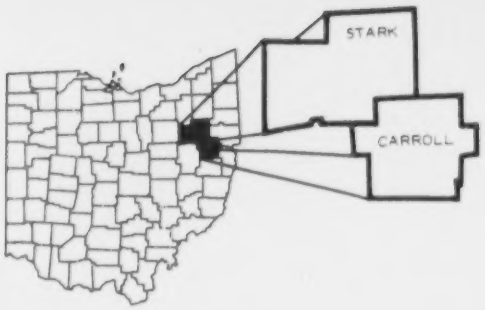
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$473.54	$469.42	$491.81	42.7	42.1	43.6	$11.09	$11.15	$11.28
Durable Goods[e]	483.21	489.90	508.20	42.8	42.6	44.0	11.29	11.50	11.55
Fabricated metal products	571.16	575.60	645.41	43.5	42.7	46.6	13.13	13.48	13.85
Machinery, except electrical	442.54	458.21	443.00	43.6	44.4	44.3	10.15	10.32	10.00
Metalworking machinery	445.89	453.81	454.72	44.5	45.2	45.7	10.02	10.04	9.95
Nondurable Goods[f]	458.58	439.43	466.98	42.5	41.3	43.0	10.79	10.64	10.86
Food and kindred products	467.35	470.65	453.20	43.8	43.7	41.2	10.67	10.77	11.00
Chemicals and allied products	470.82	480.78	452.79	41.3	42.1	40.5	11.40	11.42	11.18
Rubber and misc. plastics products	484.66	460.90	506.90	43.9	41.9	44.7	11.04	11.00	11.34
Tires and inner tubes	709.78	708.25	747.46	46.3	46.2	50.3	15.33	15.33	14.86
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	576.70	575.19	546.72	41.4	41.5	40.8	13.93	13.86	13.40
WHOLESALE TRADE	334.15	333.89	330.33	37.8	37.6	38.5	8.84	8.88	8.58
RETAIL TRADE[h]	202.62	200.45	193.71	33.0	32.7	31.6	6.14	6.13	6.13

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	2,392	3,329	3,032
Active File of Job Seekers	18,259	18,962	22,211
Referrals to Jobs	2,014	1,889	1,762
Placements	855	1,222	341
Job Openings Received	762	1,952	948
Job Openings Unfilled	2,367	2,895	1,652
Unemployment Insurance Program			
Initial Claims	2,651	3,602	3,346
Continued Claims	23,903	27,935	26,877
First Payments	1,312	1,393	1,409
Last Payments	403	563	394
Weeks Compensated	19,436	23,626	18,959
Benefits Paid	$2,889,382	$3,506,875	$2,691,535
Average Weekly Payment	$152.48	$151.76	$145.62

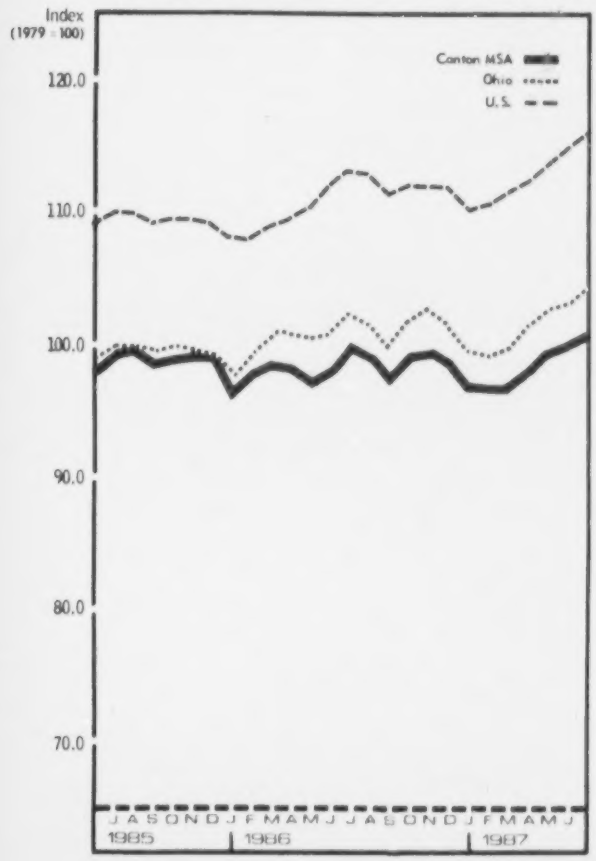
CANTON
METROPOLITAN STATISTICAL AREA



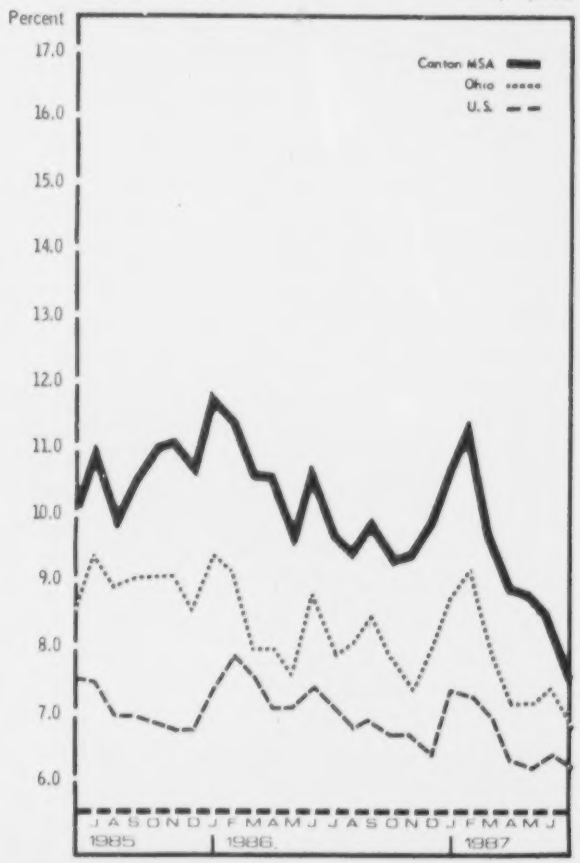
Nonfarm wage and salary employment in the Canton area totaled 156,200 in August, an increase of 1,400 from July. Manufacturing employment registered a gain of 700 from last month, to a total of 42,400 jobs. The growth occurred in durable-goods industries, especially primary metals. Increases in construction and retail trade helped boost nonmanufacturing employment by 800 from July. Manufacturing production workers averaged a 41.8 hour workweek at $11.28 per hour, up .2 hours and down $.03, respectively, from the previous month.

Over the year, nonagricultural wage and salary employment in the Canton metropolitan area advanced by 3,500. Nonmanufacturing industries accounted for the expansion. Substantial gains in construction, retail trade, and services contributed toward the improvement. Manufacturing employment was down 1,900 over the year, due to reductions in fabricated metal products, food and kindred products, and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

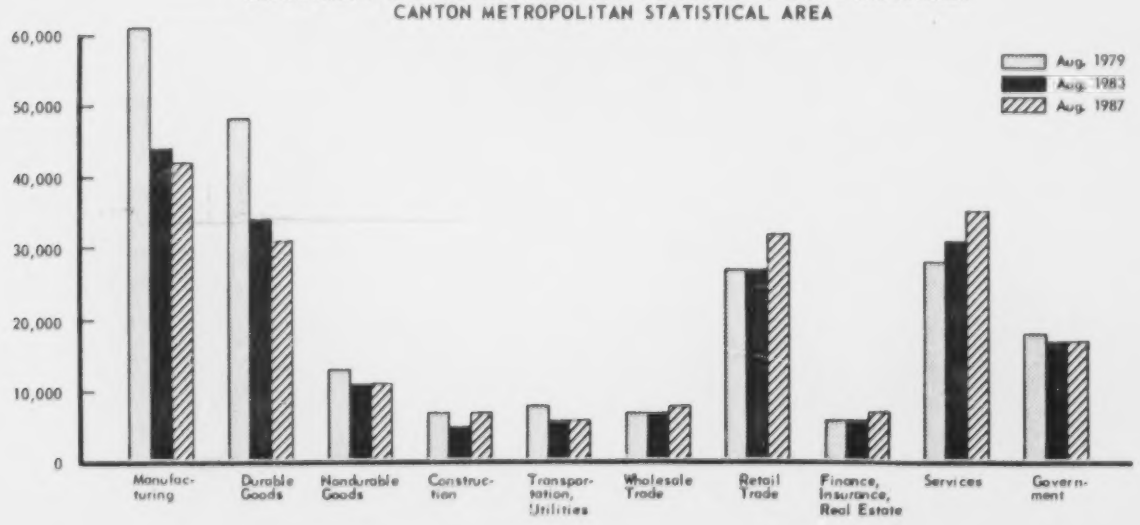


CANTON MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	$244.73	39.6	$ 6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95
190.3	171.0	19.4	10.2	1986	151.8	43.5	30.9	451.76	40.3	11.21
				1986						
192.4	173.8	18.6	9.7	July	152.7	44.0	31.3	449.52	40.1	11.21
190.1	172.2	17.9	9.4	August	152.8	44.2	31.5	448.48	39.9	11.24
187.2	168.6	18.6	9.9	September	153.8	44.0	31.4	447.75	39.8	11.25
190.2	172.4	17.7	9.3	October	149.7	38.7	26.2	445.61	40.4	11.03
191.1	173.2	18.0	9.4	November	154.2	43.0	30.5	471.33	41.2	11.44
190.3	171.5	18.7	9.9	December	154.4	42.8	30.2	476.94	41.8	11.41
				1987						
188.2	168.1	20.1	10.7	January	151.3	42.7	30.2	483.19	42.2	11.45
189.2	167.6	21.6	11.4	February	151.2	42.9	30.2	476.70	42.0	11.35
185.7	167.6	18.1	9.7	March	151.7	42.7	30.1	477.12	42.0	11.36
187.3	170.6	16.7	8.9	April	153.9	42.7	30.2	471.03	41.5	11.35
189.2	172.6	16.7	8.8	May	155.6	42.5	30.1	486.35	42.7	11.39
189.7	173.5	16.2	8.5	June	156.4	42.5	30.1	479.39	42.2	11.36
189.2	175.1	14.1	7.5	July	154.8	41.7	29.5	470.50	41.6	11.31
INA	INA	INA	INA	August	156.2	42.4	30.1	471.50	41.8	11.28

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	156.2	154.8	152.8	1.4	3.5
MANUFACTURING	42.4	41.7	44.2	.7	- 1.9
Durable Goods[e]	31.3	30.6	32.6	.7	- 1.2
Primary metal industries	10.1	9.7	10.0	.3	.1
Fabricated metal products	6.3	6.2	6.9	.1	- .6
Metal forgings and stampings	2.1	2.0	2.5	.0	- .4
Nondurable Goods[f]	11.0	11.1	11.7	- .1	- .6
Food and kindred products	3.6	3.7	3.9	- .1	- .3
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[g]	113.9	113.1	108.5	.8	5.3
CONSTRUCTION	7.3	7.2	6.0	.2	1.3
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	5.8	.1	.3
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
WHOLESALE TRADE	8.1	8.0	8.1	.1	.0
Wholesale trade-durable goods	4.5	4.5	4.6	.0	- .1
RETAIL TRADE	32.3	31.9	30.5	.4	1.8
General merchandise stores	3.8	3.7	3.7	.1	.2
Food stores	5.2	5.2	5.0	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.6	6.6	.0	.1
Banking	1.9	1.9	1.9	.0	.0
SERVICES	34.8	34.9	33.6	- .1	1.2
Health services	14.9	14.9	14.4	.0	.5
GOVERNMENT	17.4	17.4	16.7	.0	.7
State government (includes education)	1.7	1.7	1.7	.0	.0
Local government	14.3	14.3	13.6	.0	.7
Local government education	8.0	8.0	7.7	.0	.3
Local government, except education	6.3	6.3	5.9	.0	.4

Hours & Earnings of Production or Nonsupervisory Workers[a]

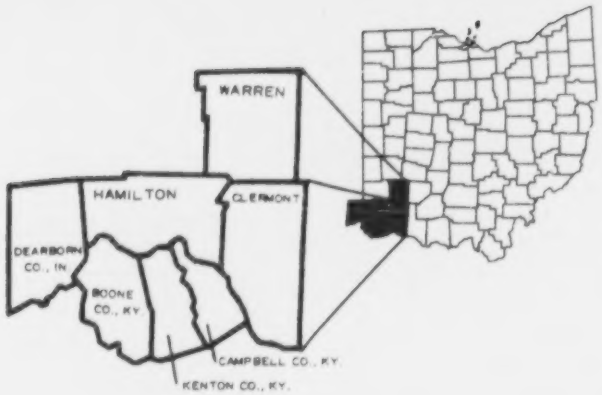
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$471.50	$470.50	$448.48	41.8	41.6	39.9	$11.28	$11.31	$11.24
Durable Goods[e]	495.55	496.27	466.40	42.5	42.2	40.0	11.66	11.76	11.66
Primary metal industries	575.06	576.29	499.70	44.1	43.2	39.1	13.04	13.34	12.78
Fabricated metal products	451.66	446.76	510.85	40.8	40.8	42.5	11.07	10.95	12.02
Metal forgings and stampings	599.26	579.04	667.79	41.3	40.1	43.0	14.51	14.44	15.53
Nondurable Goods[f]	398.00	393.82	394.02	39.8	39.7	39.6	10.00	9.92	9.95
Food and kindred products	403.21	402.19	414.61	40.2	39.9	39.6	10.03	10.08	10.47
Rubber and misc. plastics products	431.55	442.21	442.85	41.1	43.1	42.5	10.50	10.26	10.42
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	553.21	575.51	531.95	41.1	42.1	40.7	13.46	13.67	13.07
WHOLESALE TRADE	380.14	387.86	332.77	37.6	38.1	34.7	10.11	10.18	9.59
RETAIL TRADE[h]	151.78	157.29	155.39	28.8	29.4	29.1	5.27	5.35	5.34

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	1,326	1,924	1,897
Active File of Job Seekers	11,981	12,268	20,061
Referrals to Jobs	832	1,583	981
Placements	247	808	338
Job Openings Received	531	652	424
Job Openings Unfilled	788	739	400
Unemployment Insurance Program			
Initial Claims	1,616	2,550	2,675
Continued Claims	14,981	18,326	17,221
First Payments	831	769	1,050
Last Payments	281	393	414
Weeks Compensated	11,483	13,313	15,074
Benefits Paid	$1,591,959	$1,855,245	$2,089,249
Average Weekly Payment	$142.22	$143.54	$143.37

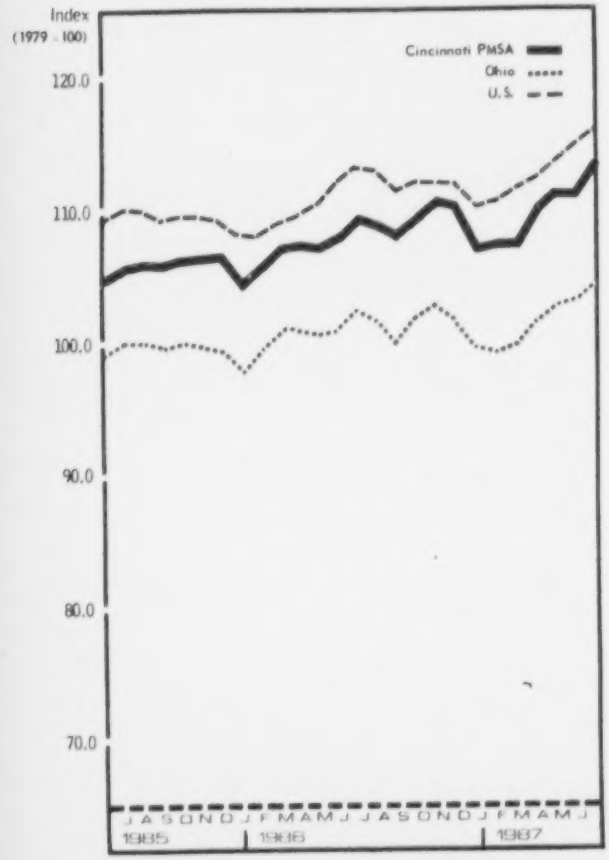
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



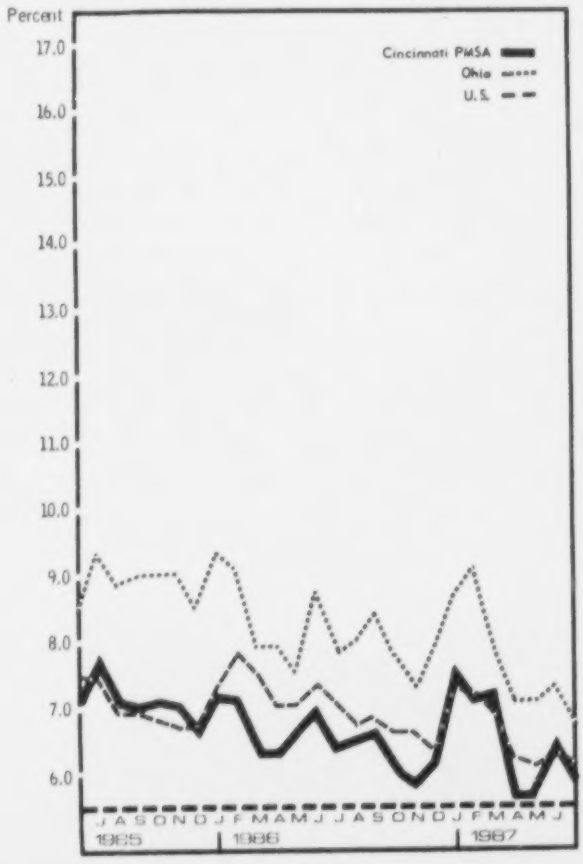
Nonfarm wage and salary employment in the Cincinnati metropolitan area was 684,200 in August, up 6,000 from July. Manufacturing employment, at 149,000, was up 3,500, due to returns from temporary layoffs in motor vehicles and equipment. Nonmanufacturing increased 2,500, with gains in construction, retail trade, and services more than offsetting losses in state and local schools. Factory production workers earned an average of $11.03 per hour, up $.30 from July. Their average workweek was 42.7 hours, up .6 hours.

Since August 1986, nonfarm employment has risen 28,900. Although nearly all nonmanufacturing industries recorded increases, noteworthy growth was recorded in services, especially business and health services, and in retail trade. Manufacturing employment improved slightly over the year, with scattered gains in other durable- and nondurable-goods industries offsetting losses in nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

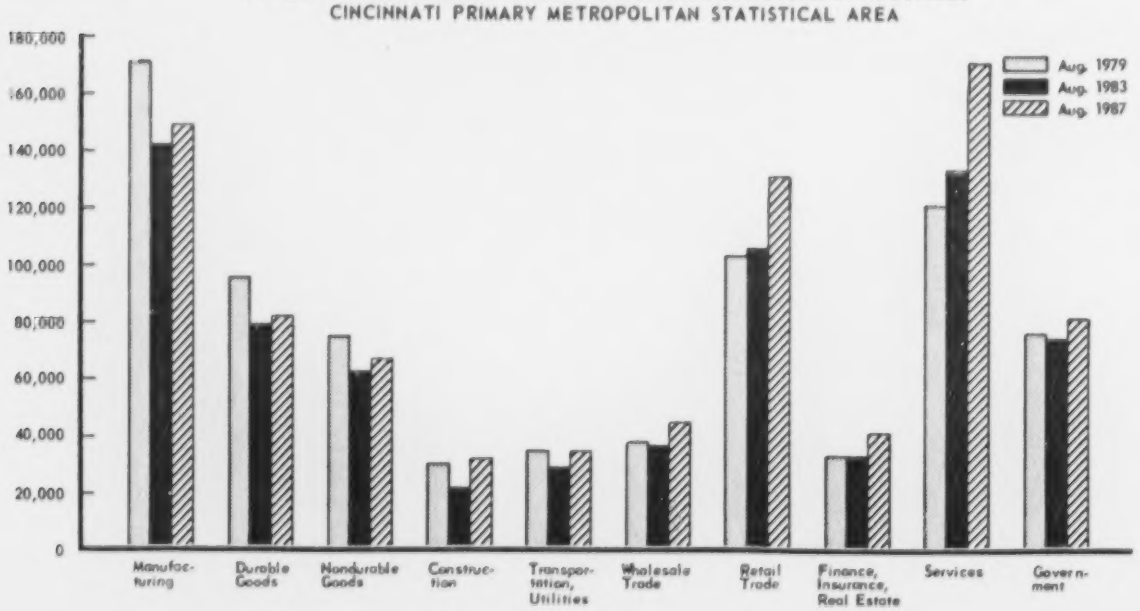


CINCINNATI PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	$232.22	41.1	$ 5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
726.5	679.4	47.2	6.5	1986	651.2	147.9	95.7	453.00	42.1	10.76
				1986						
734.7	687.5	47.2	6.4	July	652.6	147.5	95.1	444.94	41.7	10.67
730.4	683.1	47.3	6.5	August	655.3	148.7	96.6	452.81	42.2	10.73
725.7	678.0	47.7	6.6	September	663.3	149.3	97.2	456.84	42.3	10.80
733.0	689.2	43.7	6.0	October	665.5	149.2	97.1	459.00	42.5	10.80
738.8	696.2	42.5	5.8	November	667.5	149.4	97.3	474.57	43.3	10.96
738.5	693.0	45.5	6.2	December	669.1	148.6	96.3	472.14	43.0	10.98
				1987						
727.5	671.9	55.6	7.6	January	650.8	144.3	91.8	458.53	42.3	10.84
726.9	675.2	51.6	7.1	February	655.2	147.2	94.6	467.25	42.4	11.02
727.0	675.0	52.0	7.2	March	657.2	143.9	91.6	462.40	42.5	10.88
732.2	691.5	40.7	5.6	April	671.8	147.5	95.3	459.38	41.8	10.99
740.9	699.3	41.6	5.6	May	678.7	148.1	95.7	466.15	42.3	11.02
747.8	698.8	48.9	6.5	June	679.2	145.4	92.6	466.52	42.8	10.90
756.7	712.4	44.3	5.9	July	678.2	145.6	92.4	451.73	42.1	10.73
INA	INA	INA	INA	August	684.2	149.0	96.0	470.98	42.7	11.03

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	684.2	678.2	655.3	6.0	28.9
MANUFACTURING	149.0	145.6	148.7	3.5	.3
Durable Goods[e]	82.4	78.7	82.4	3.6	.0
Fabricated metal products	11.2	11.0	10.9	.2	.4
Fabricated structural metal products	4.4	4.3	4.0	.1	.4
Machinery, except electrical	19.4	19.5	20.8	- .1	- 1.4
Metalworking machinery	7.9	8.0	8.8	- .1	- .9
General industrial machinery	2.6	2.6	2.9	.0	- .3
Electric and electronic equipment	7.5	7.5	7.7	.1	- .2
Transportation equipment	28.8	25.5	28.3	3.2	.5
Motor vehicles and equipment	8.1	4.8	8.4	3.3	- .3
Nondurable Goods[f]	66.7	66.8	66.3	- .2	.4
Food and kindred products	13.3	13.3	13.3	- .1	- .1
Beverages	3.9	3.9	4.1	.0	- .2
Apparel and other textile products	3.7	3.7	3.5	.0	.1
Paper and allied products	6.7	6.7	6.3	.0	.4
Printing and publishing	13.4	13.4	13.0	.0	.4
Commercial printing	5.9	5.9	5.5	.0	.4
Chemicals and allied products	22.2	22.3	22.3	- .1	.0
Rubber and misc. plastics products	5.6	5.4	5.4	.2	.2
NONMANUFACTURING[g]	535.2	532.6	506.6	2.5	28.6
CONSTRUCTION	31.6	30.7	28.4	.9	3.2
TRANSPORTATION AND PUBLIC UTILITIES	34.9	34.8	34.6	.1	.4
Trucking and warehousing	9.7	9.5	9.6	.1	.0
Communication, electric, gas services	15.4	15.4	15.5	.0	- .1
WHOLESALE TRADE	45.4	45.2	43.1	.2	2.4
Wholesale trade-durable goods	27.3	27.2	25.7	.1	1.6
RETAIL TRADE	130.7	129.8	124.2	.9	6.5
General merchandise stores	19.2	19.1	18.5	.1	.6
FINANCE, INSURANCE, AND REAL ESTATE	40.8	40.7	38.5	.1	2.4
Banking	8.6	8.6	8.2	.0	.3
Insurance carriers	13.2	13.2	12.6	.0	.6
SERVICES	170.3	169.5	159.1	.9	11.3
Hotels and other lodging places	7.0	6.9	6.8	.1	.3
Personal services	8.3	8.2	8.0	.0	.3
Business services	40.7	40.0	36.7	.7	4.0
Amusement and recreation services	11.1	11.2	10.8	- .1	.2
Health services	52.7	52.5	49.0	.1	3.6
Hospitals	25.3	25.2	23.6	.0	1.6
GOVERNMENT	80.9	81.5	78.4	- .6	2.5
Federal government	14.0	13.9	13.8	.1	.1
State government	17.8	17.9	17.3	- .2	.4
State government education[i]	9.8	9.9	9.2	- .1	.5
State government, except education	8.0	8.1	8.1	- .1	- .1
Local government	49.2	49.7	47.3	- .5	1.9
Local government education	26.5	26.9	24.8	- .4	1.7
Local government, except education	22.7	22.8	22.4	- .1	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$470.98	$451.73	$452.81	42.7	42.1	42.2	$11.03	$10.73	$10.73
Durable Goods[e]	476.50	436.60	452.34	43.2	41.9	42.0	11.03	10.42	10.77
Fabricated metal products	421.61	429.57	421.16	43.6	44.7	44.1	9.67	9.61	9.55
Fabricated structural metal products	438.22	450.22	478.14	44.9	46.8	47.2	9.76	9.62	10.13
Machinery, except electrical	416.66	407.38	420.31	42.3	41.4	42.2	9.85	9.84	9.96
Metalworking machinery	470.85	435.51	475.89	43.8	40.4	43.7	10.75	10.78	10.89
General industrial machinery	409.09	404.49	391.15	43.8	43.4	41.7	9.34	9.32	9.38
Electric and electronic equipment	350.54	335.43	341.42	40.2	38.6	39.7	8.72	8.69	8.60
Transportation equipment	672.45	600.48	624.09	44.8	42.8	43.4	15.01	14.03	14.38
Motor vehicles and equipment	684.43	636.70	641.76	43.1	40.4	42.0	15.88	15.76	15.28
Nondurable Goods[f]	466.15	466.57	453.26	42.3	42.3	42.4	11.02	11.03	10.69
Food and kindred products	525.42	489.77	485.10	45.1	43.0	44.1	11.65	11.39	11.00
Beverages	522.92	523.34	527.22	41.8	41.8	43.5	12.51	12.52	12.12
Apparel and other textile products	215.27	204.79	206.75	38.1	36.7	36.4	5.65	5.58	5.68
Paper and allied products	431.54	433.72	400.72	42.6	42.9	40.6	10.13	10.11	9.87
Printing and publishing	458.06	454.90	444.14	40.5	40.4	39.2	11.31	11.26	11.33
Commercial printing	496.06	507.86	502.52	43.4	44.2	42.3	11.43	11.49	11.88
Chemicals and allied products	532.57	551.23	541.14	42.1	43.2	43.5	12.65	12.76	12.44
Rubber and misc. plastics products	412.43	436.97	425.23	44.3	45.9	47.3	9.31	9.52	8.99
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	542.15	553.79	515.01	40.1	40.9	39.8	13.52	13.54	12.94
WHOLESALE TRADE	393.33	394.70	380.16	41.1	41.2	40.4	9.57	9.58	9.41
RETAIL TRADE[h]	168.52	167.10	164.20	30.2	30.0	29.8	5.58	5.57	5.51
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	257.03	255.25	250.95	....	....	....	.....	.....	.....

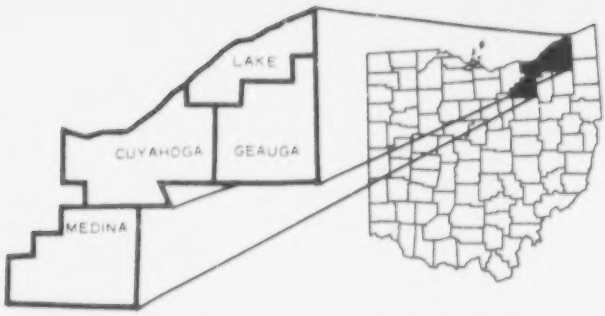
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	2,802	3,112	3,823
Active File of Job Seekers	17,022	20,103	26,682
Referrals to Jobs	2,265	2,035	1,984
Placements	603	430	662
Job Openings Received	1,884	1,425	1,954
Job Openings Unfilled	3,434	3,264	2,380
Unemployment Insurance Program			
Initial Claims	4,113	6,360	5,315
Continued Claims	29,639	42,218	38,207
First Payments	1,361	2,606	2,231
Last Payments	648	900	656
Weeks Compensated	23,463	35,401	32,944
Benefits Paid	$3,217,682	$5,216,113	$4,664,310
Average Weekly Payment	$139.84	$150.10	$144.53

[a]Ohio data only

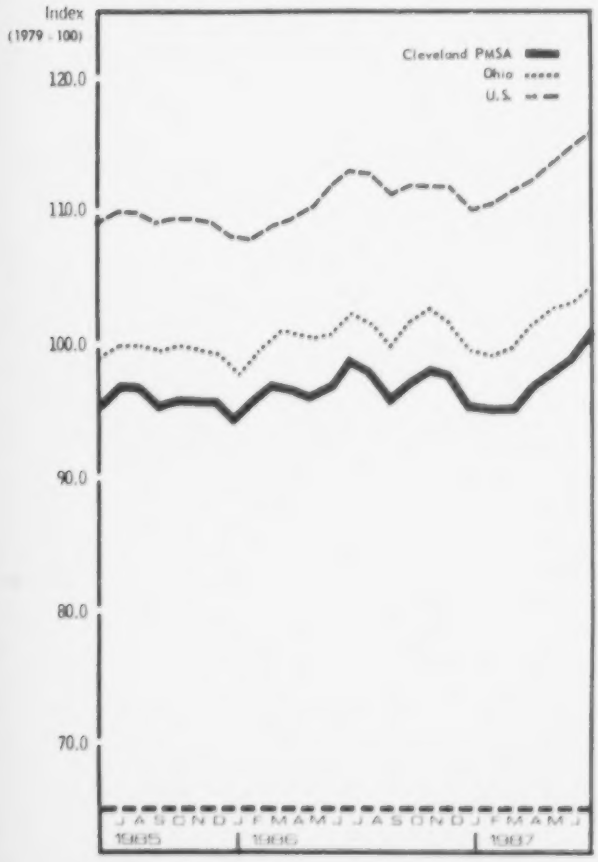
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



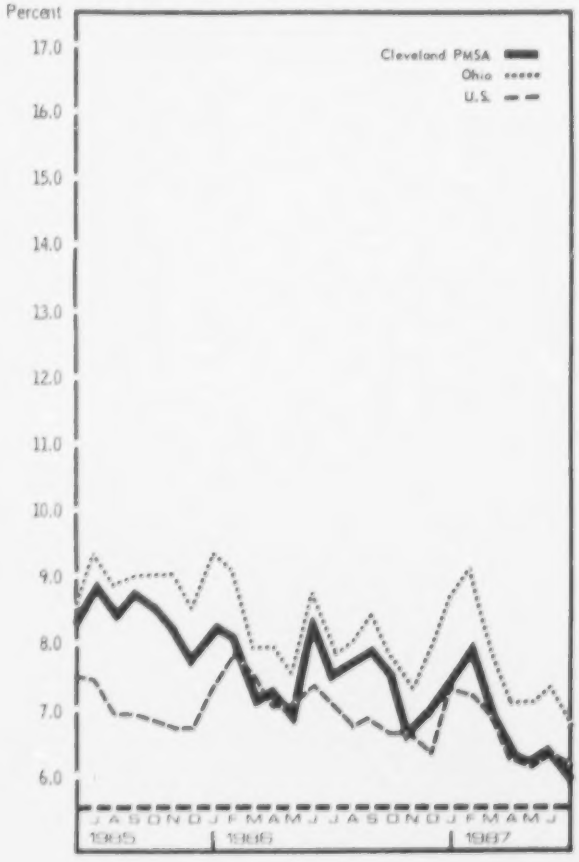
Nonagricultural wage and salary employment in the Cleveland metropolitan area declined 2,000 from the July level, to 908,000 in August. The decrease occurred in nonmanufacturing as seasonal losses in local government education overshadowed gains in business services and construction. Manufacturing employment rose 100, to 203,000. Scattered increases more than offset the loss of 400 jobs in motor vehicles and equipment. Factory production workers earned an average of $11.51 per hour for a 42.4 hour workweek, up $.11 and .6 hours, respectively, from July.

Since August 1986, total nonfarm employment gained 20,400 workers. Significant growth in business and health services, retail trade, and finance, insurance, and real estate contributed most to the change. Although the majority of nondurable-goods industries showed improvement over the year, manufacturing employment decreased 1,100, due to reductions in instruments and related products and nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

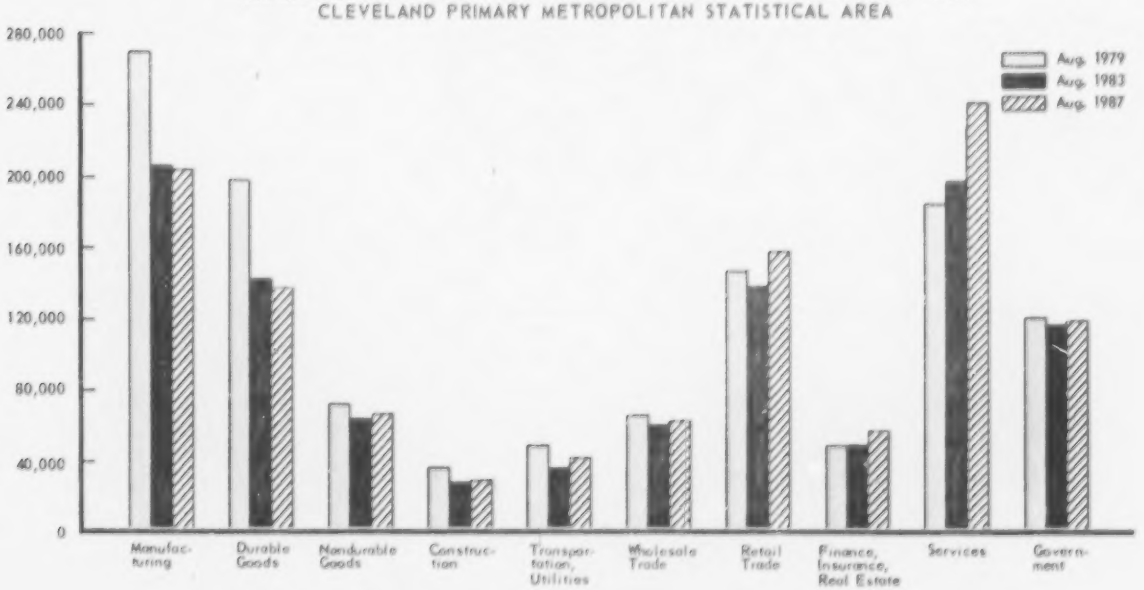


CLEVELAND PMSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	$260.62	41.9	$ 6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	82.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
934.3	864.1	70.2	7.5	1986	880.8	205.5	132.0	481.62	42.1	11.44
				1986						
954.6	883.1	71.6	7.5	July	889.6	204.7	130.6	456.75	40.6	11.25
945.4	872.8	72.6	7.7	August	887.6	204.1	130.2	479.94	42.1	11.40
925.5	851.9	73.5	7.9	September	889.4	205.5	131.6	485.06	42.4	11.44
939.0	868.2	70.8	7.5	October	890.6	203.8	129.8	480.36	42.1	11.41
939.3	877.3	62.0	6.6	November	893.9	205.2	131.4	500.39	43.1	11.61
935.9	870.4	65.5	7.0	December	896.5	205.4	131.6	505.61	43.4	11.65
				1987						
920.6	851.9	68.7	7.5	January	877.6	203.9	130.6	503.84	43.1	11.69
921.8	848.5	73.4	8.0	February	876.0	203.6	130.4	493.64	42.3	11.67
914.3	850.9	63.4	6.9	March	881.0	203.6	130.7	498.07	42.9	11.61
923.1	865.1	58.0	6.3	April	893.4	203.8	130.9	494.89	42.7	11.59
930.8	872.8	58.0	6.2	May	900.8	203.9	130.3	493.19	42.7	11.55
940.0	879.7	60.3	6.4	June	908.0	204.2	130.5	494.21	42.9	11.52
954.9	898.2	56.7	5.9	July	910.0	202.8	128.9	476.52	41.8	11.40
INA	INA	INA	INA	August	908.0	203.0	129.2	488.02	42.4	11.51

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	908.0	910.0	887.6	- 2.0	20.4
MANUFACTURING	203.0	202.8	204.1	.1	- 1.1
Durable Goods[e]	137.1	137.2	139.5	- .1	- 2.4
Primary metal industries	20.8	20.8	21.0	.1	- .2
Iron and steel foundries	5.1	5.3	5.3	- .2	- .2
Fabricated metal products	32.5	32.3	32.3	.2	.2
Fabricated structural metal products	3.8	3.8	3.8	.0	.0
Screw machine products, bolts, etc.	4.8	4.7	4.7	.1	.2
Metal forgings and stampings	11.0	11.0	10.8	.0	.2
Machinery, except electrical	29.8	29.8	30.6	- .1	- .9
Construction and related machinery	2.5	2.5	2.5	.0	.0
Metalworking machinery	9.8	9.8	10.2	.0	- .4
Special industry machinery	3.2	3.2	3.4	.0	- .2
General industrial machinery	2.7	2.7	2.8	.0	- .1
Electric and electronic equipment	18.7	18.7	19.2	.0	- .6
Electrical industrial apparatus	6.4	6.4	6.8	.0	- .4
Transportation equipment	18.3	18.7	18.4	- .4	- .1
Motor vehicles and equipment	11.1	11.5	11.4	- .4	- .2
Instruments and related products	6.3	6.2	7.5	.0	- 1.3
Measuring and controlling devices	4.1	4.1	4.3	.0	- .2
Nondurable Goods[f]	65.9	65.7	64.6	.2	1.3
Food and kindred products	6.9	6.9	6.6	.0	.3
Apparel and other textile products	4.0	4.1	4.2	- .1	- .2
Paper and allied products	5.6	5.5	5.4	.1	.2
Printing and publishing	17.0	17.0	16.8	.0	.2
Chemicals and allied products	15.2	15.2	14.7	.0	.5
Rubber and misc. plastics products	11.9	11.7	11.6	.2	.3
NONMANUFACTURING[g]	705.1	707.2	683.5	- 2.1	21.5
CONSTRUCTION	29.4	29.0	28.4	.4	1.0
TRANSPORTATION AND PUBLIC UTILITIES	41.9	41.9	41.6	.0	.3
Trucking and warehousing	12.1	12.2	11.4	- .1	.8
Communication, electric, gas services	18.3	18.4	19.0	.0	- .6
WHOLESALE TRADE	62.3	62.5	62.5	- .2	- .2
Wholesale trade-durable goods	42.8	43.1	43.4	- .2	- .5
RETAIL TRADE	157.1	156.9	153.3	.2	3.8
General merchandise stores	19.7	19.8	20.0	- .1	- .2
FINANCE, INSURANCE, AND REAL ESTATE	55.9	55.6	53.2	.3	2.7
Banking	13.7	13.7	13.2	.1	.6
Credit agencies other than banks	9.3	9.2	8.9	.1	.5
Insurance carriers	13.4	13.4	12.9	.1	.5
SERVICES	239.8	239.6	226.1	.2	13.7
Business services	55.7	54.9	50.7	.8	4.9
Amusement and recreation services	10.5	10.2	10.2	.3	.3
Health services	76.0	76.0	72.5	.0	3.5
Hospitals	44.1	44.1	41.4	.0	2.7
GOVERNMENT	117.7	120.7	117.3	- 3.0	.4
Federal government	20.6	20.6	20.2	.0	.3
State government	8.1	8.2	7.8	- .2	.2
State government education[1]	2.5	2.8	2.3	- .3	.2
State government, except education	5.6	5.4	5.5	.1	.1
Local government	89.1	91.9	89.2	- 2.8	- .1
Local government education	39.2	41.8	39.5	- 2.6	- .3
Local government, except education	49.9	50.1	49.7	- .2	.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

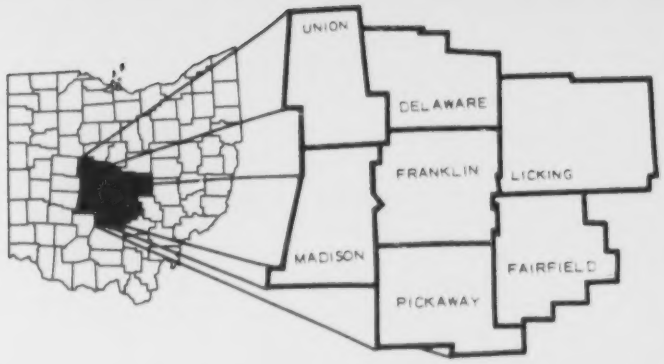
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$488.02	$476.52	$479.94	42.4	41.8	42.1	$11.51	$11.40	$11.40
Durable Goods[e]	519.44	504.29	509.92	43.0	42.2	42.6	12.08	11.95	11.97
Primary metal industries	597.82	570.70	583.77	45.6	43.9	43.5	13.11	13.00	13.42
Iron and steel foundries	848.06	688.97	797.72	50.3	42.9	49.0	16.86	16.06	16.28
Fabricated metal products	507.28	474.29	491.73	42.7	41.1	42.5	11.88	11.54	11.57
Fabricated structural metal products	396.90	378.68	394.24	40.5	40.2	42.3	9.80	9.42	9.32
Screw machine products, bolts, etc.	459.85	439.95	448.42	43.3	41.9	43.2	10.62	10.50	10.38
Metal forgings and stampings	621.30	567.88	638.13	43.6	41.3	44.5	14.25	13.75	14.34
Machinery, except electrical	472.46	493.06	467.50	41.7	42.8	42.5	11.33	11.52	11.00
Construction and related machinery	417.24	386.32	448.76	45.5	43.8	46.6	9.17	8.82	9.63
Metalworking machinery	421.65	421.25	405.82	40.7	40.7	40.3	10.36	10.35	10.07
Special industry machinery	456.55	454.73	491.83	37.7	37.8	41.4	12.11	12.03	11.88
General industrial machinery	470.67	494.62	457.80	41.8	44.4	42.0	11.26	11.14	10.90
Electric and electronic equipment	460.06	432.42	404.00	41.9	40.3	39.3	10.98	10.73	10.28
Electrical industrial apparatus	516.99	461.45	415.16	44.8	40.8	38.8	11.54	11.31	10.70
Transportation equipment	683.09	649.88	721.62	45.6	44.0	47.6	14.98	14.77	15.16
Motor vehicles and equipment	730.97	679.97	768.64	45.6	43.2	48.1	16.03	15.74	15.98
Instruments and related products	395.37	382.04	382.88	41.4	40.3	39.8	9.55	9.48	9.62
Measuring and controlling devices	394.36	393.81	374.30	40.2	39.9	39.4	9.81	9.87	9.50
Nondurable Goods[f]	415.93	411.26	406.96	41.1	40.8	40.9	10.12	10.08	9.95
Food and kindred products	384.02	378.00	394.48	43.1	43.2	42.6	8.91	8.75	9.26
Apparel and other textile products	309.85	310.70	315.87	38.3	38.5	38.9	8.09	8.07	8.12
Paper and allied products	466.40	474.22	448.37	42.4	42.8	42.1	11.00	11.08	10.65
Printing and publishing	425.57	413.00	407.66	38.9	38.1	37.4	10.94	10.84	10.90
Chemicals and allied products	499.53	490.62	493.91	43.1	42.7	42.8	11.59	11.49	11.54
Rubber and misc. plastics products	376.62	371.87	363.36	41.8	41.0	42.3	9.01	9.07	8.59
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	595.82	597.70	554.73	41.9	42.3	41.0	14.22	14.13	13.53
WHOLESALE TRADE	394.97	405.78	393.02	39.3	39.9	39.9	10.05	10.17	9.85
RETAIL TRADE[h]	224.40	189.28	175.93	33.0	29.3	28.7	6.80	6.46	6.13
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	300.10	296.83	291.69	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	347.84	347.52	338.99	32.6	32.6	33.3	10.67	10.66	10.18

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes state universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	6,740	7,277	12,351
Active File of Job Seekers	61,485	61,401	111,786
Referrals to Jobs	2,923	2,590	5,166
Placements	1,080	702	1,359
Job Openings Received	2,222	1,547	4,034
Job Openings Unfilled	2,929	2,251	5,057
Unemployment Insurance Program			
Initial Claims	6,554	9,630	7,406
Continued Claims	54,311	64,970	66,852
First Payments	3,460	3,425	4,074
Last Payments	1,101	1,202	1,466
Weeks Compensated	46,382	50,624	60,235
Benefits Paid	$6,575,266	$7,222,711	$8,843,761
Average Weekly Payment	$144.00	$145.02	$149.11

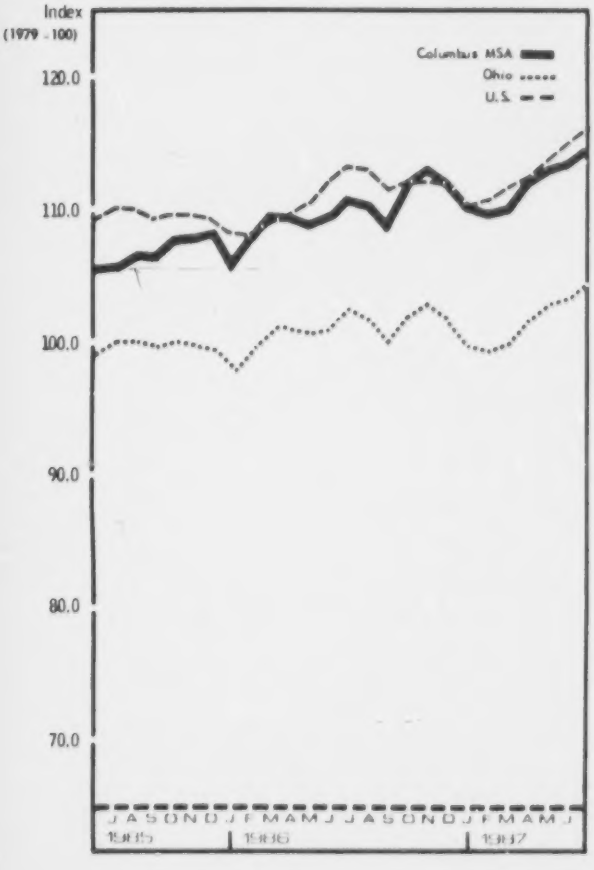
COLUMBUS METROPOLITAN STATISTICAL AREA



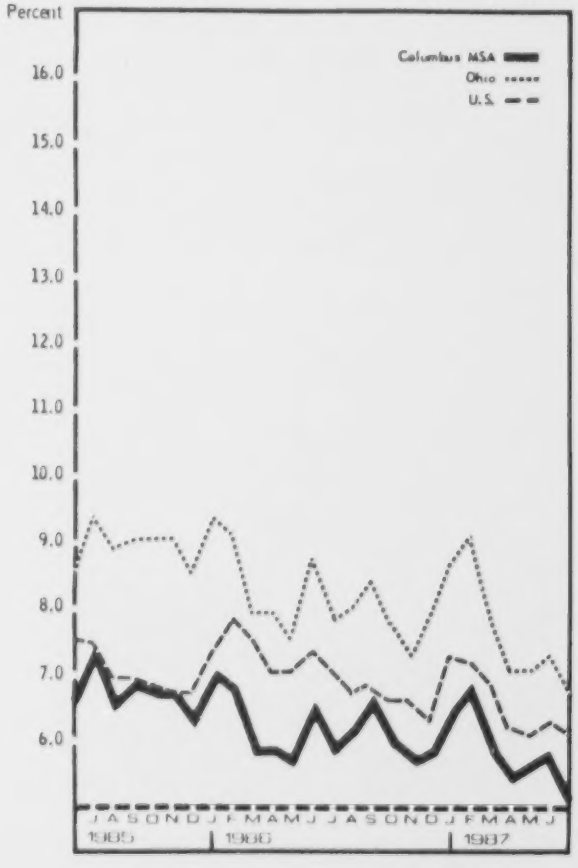
Nonfarm wage and salary employment in the Columbus area totaled 657,700 in August, up 4,300 from July. The increase occurred in nonmanufacturing, with gains in retail trade, services, government, and construction. Manufacturing employment, at 102,600, showed a slight increase, with growth in stone, clay, and glass products. Factory production workers earned an average of $11.40 per hour, down $.08 from July. Their average workweek was 41.0 hours, down .3 hours.

Since August 1986, nonfarm employment increased 25,800. Growth in services and retail trade contributed most to the improvement, although significant growth was also noted in construction and in state and local schools. Manufacturing lost 3,600 workers over the year. Declines in stone, clay, and glass products, transportation equipment, and fabricated metal products more than offset scattered improvements in nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

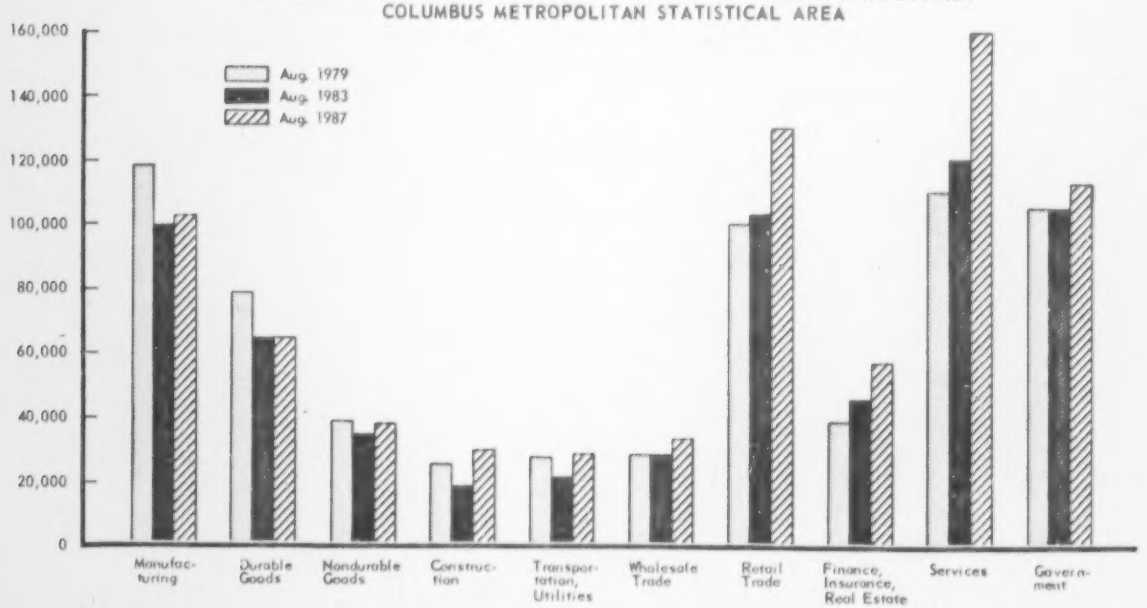


COLUMBUS MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	540.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83
675.7	634.4	41.3	6.1	1986	630.4	106.2	70.7	461.14	41.1	11.22
				1986						
679.6	640.1	39.5	5.8	July	628.0	106.1	70.3	458.18	40.8	11.23
679.2	637.7	41.5	6.1	August	631.9	106.3	70.6	461.66	41.0	11.26
671.2	626.7	44.4	6.6	September	638.6	107.4	71.5	465.86	41.3	11.28
687.8	647.1	40.7	5.9	October	645.0	105.2	69.5	459.82	40.8	11.27
691.1	652.3	38.7	5.6	November	648.7	106.1	70.6	467.93	41.3	11.33
686.7	646.6	40.0	5.8	December	650.5	105.9	70.4	472.79	41.4	11.42
				1987						
678.0	635.0	43.1	6.4	January	637.9	105.1	69.9	472.15	41.2	11.46
678.0	632.2	45.9	6.8	February	637.7	104.4	69.1	463.81	40.9	11.34
674.6	635.4	39.2	5.8	March	642.5	103.9	68.9	477.47	41.7	11.45
682.2	645.7	36.5	5.4	April	650.6	103.0	68.2	466.49	41.1	11.35
691.2	652.2	39.0	5.6	May	656.6	102.6	67.9	474.24	41.6	11.40
696.4	656.1	40.3	5.8	June	661.0	103.1	68.2	473.10	41.5	11.40
696.7	660.9	35.9	5.1	July	653.4	102.3	67.3	474.12	41.3	11.48
INA	INA	INA	INA	August	657.7	102.6	67.6	467.40	41.0	11.40

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	657.7	653.4	631.9	4.3	25.8
MANUFACTURING	102.6	102.3	106.3	.4	- 3.6
Durable Goods[e]	64.9	64.6	69.9	.3	- 5.0
Stone, clay, and glass products	10.4	9.8	12.0	.6	- 1.6
Glass and glassware, pressed or blown.	4.3	3.7	4.6	.5	- .4
Fabricated metal products	8.7	8.8	10.0	- .1	- 1.3
Fabricated structural metal products	2.8	2.8	3.1	.0	- .4
Machinery, except electrical	9.4	9.4	9.4	.0	.1
Electric and electronic equipment	10.7	10.8	11.4	- .1	- .7
Transportation equipment	14.2	14.4	15.8	- .2	- 1.6
Instruments and related products	4.1	4.1	3.9	.0	.1
Nondurable Goods[f]	37.8	37.7	36.4	.1	1.4
Food and kindred products	10.6	10.5	10.0	.1	.6
Printing and publishing	9.9	9.9	9.7	.0	.2
Chemicals and allied products	7.2	7.3	7.1	.0	.1
Rubber and misc. plastics products	5.5	5.5	5.2	.0	.3
NONMANUFACTURING[g]	555.0	551.1	525.6	3.9	29.5
CONSTRUCTION	30.1	29.6	26.8	.5	3.3
TRANSPORTATION AND PUBLIC UTILITIES	29.3	29.0	27.6	.2	1.7
Trucking and warehousing	11.8	11.6	10.8	.2	1.0
Communication, electric, gas services	12.4	12.4	12.2	.1	.3
WHOLESALE TRADE	33.2	33.1	32.6	.0	.6
Wholesale trade-durable goods	21.7	21.6	21.4	.0	.3
RETAIL TRADE	130.4	129.0	124.9	1.5	5.5
General merchandise stores	17.9	17.4	17.6	.5	.3
FINANCE, INSURANCE, AND REAL ESTATE	57.2	57.2	54.6	.0	2.6
Banking	12.0	11.9	11.5	.1	.5
Insurance carriers	21.7	21.7	21.1	.0	.6
SERVICES	160.4	159.7	147.9	.7	12.6
Business services	37.5	37.1	33.9	.4	3.7
Health services	40.8	40.7	38.3	.0	2.5
Hospitals	17.6	17.6	16.5	.0	1.1
GOVERNMENT	113.4	112.5	110.3	.9	3.2
Federal government	15.7	15.7	15.6	.0	.1
State government	50.0	48.9	48.1	1.2	2.0
State government education[h]	18.8	18.1	17.6	.7	1.2
State government, except education	31.2	30.7	30.4	.5	.8
Local government	47.7	48.0	46.6	- .3	1.1
Local government education	26.6	26.6	25.6	.0	1.0
Local government, except education	21.1	21.4	21.1	- .3	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

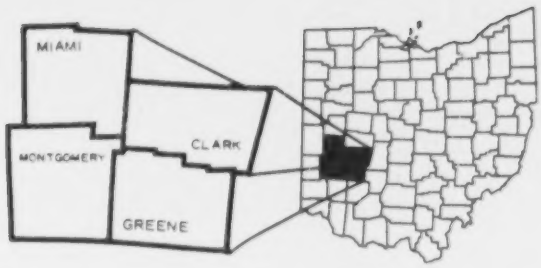
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$467.40	$474.12	$461.66	41.0	41.3	41.0	$11.40	$11.48	$11.26
Durable Goods[e]	478.88	486.04	478.25	41.0	41.4	41.3	11.68	11.74	11.58
Stone, clay, and glass products	461.31	485.07	477.95	39.7	40.9	39.5	11.62	11.86	12.10
Glass and glassware, pressed or blown.	401.68	438.98	441.54	37.4	39.3	38.8	10.74	11.17	11.38
Fabricated metal products	499.39	504.30	475.16	40.9	41.0	40.2	12.21	12.30	11.82
Fabricated structural metal products	453.46	473.76	413.51	42.3	42.3	40.5	10.72	11.20	10.21
Machinery, except electrical	435.34	451.68	414.16	40.8	41.9	39.9	10.67	10.78	10.38
Electric and electronic equipment	452.73	450.40	438.50	40.1	40.0	39.9	11.29	11.26	10.99
Transportation equipment	603.19	588.12	584.82	43.9	43.5	45.3	13.74	13.52	12.91
Instruments and related products	427.65	438.27	392.98	41.6	41.9	40.1	10.28	10.46	9.80
Nondurable Goods[f]	445.26	450.87	424.11	41.0	41.1	40.2	10.86	10.97	10.55
Food and kindred products	462.24	471.16	426.21	42.8	42.6	41.1	10.80	11.06	10.37
Printing and publishing	515.87	514.56	486.64	39.2	39.4	38.9	13.16	13.06	12.51
Chemicals and allied products	494.60	507.73	490.46	39.6	40.2	40.5	12.49	12.63	12.11
Rubber and misc. plastics products	332.51	340.31	335.38	41.0	41.1	40.9	8.11	8.28	8.20
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	577.04	580.18	550.26	41.1	41.8	40.7	14.04	13.88	13.52
WHOLESALE TRADE	356.59	350.35	322.71	39.1	38.5	37.7	9.12	9.10	8.56
RETAIL TRADE[h]	176.83	175.03	168.48	28.8	28.6	29.3	6.14	6.12	5.75
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	266.70	259.28	244.72	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	330.86	329.35	325.49	34.5	34.2	34.7	9.59	9.63	9.38

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	6,136	5,370	5,340
Active File of Job Seekers	32,376	30,812	38,371
Referrals to Jobs	2,779	2,706	4,765
Placements	999	1,213	2,724
Job Openings Received	2,705	2,362	4,755
Job Openings Unfilled	4,940	4,264	6,422
Unemployment Insurance Program			
Initial Claims	4,387	6,317	5,048
Continued Claims	33,036	41,159	33,922
First Payments	1,817	2,149	1,807
Last Payments	745	752	663
Weeks Compensated	28,423	35,144	28,530
Benefits Paid	$4,297,857	$5,337,421	$4,079,127
Average Weekly Payment	$154.32	$155.08	$146.07

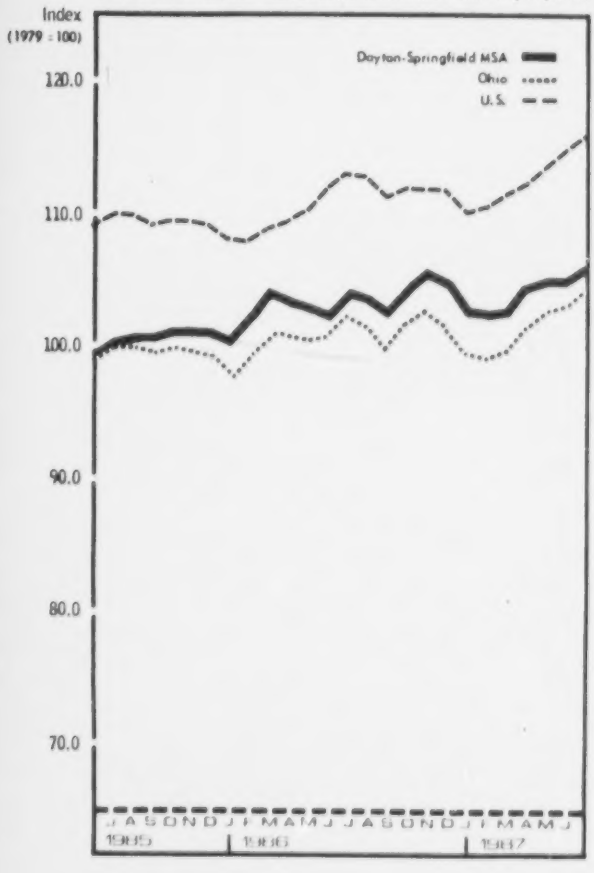
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



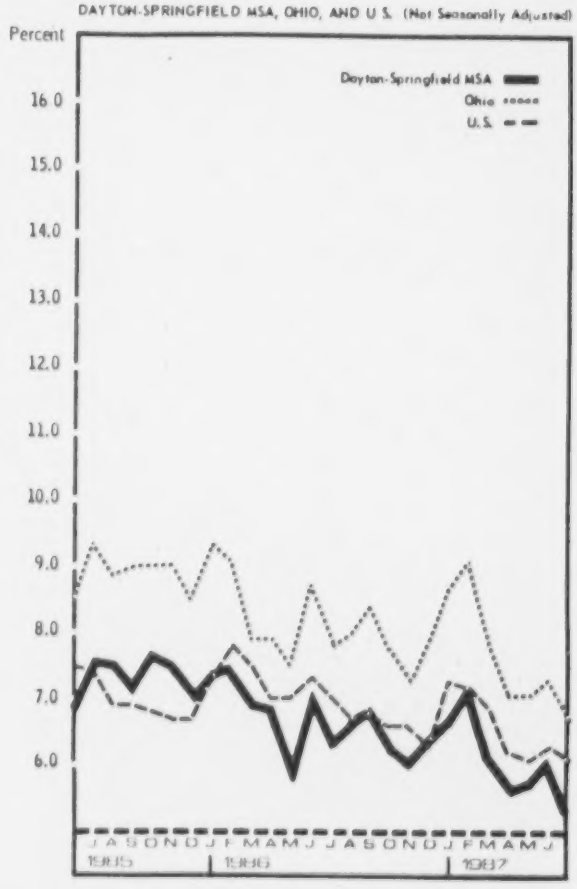
In August, nonagricultural wage and salary employment in the Dayton-Springfield area totaled 431,300, up 2,600 from July. The increase occurred chiefly in nonmanufacturing, with services having the largest gain. Scattered gains boosted manufacturing employment 600, to 104,700. Factory production workers earned $11.87 per hour, up slightly from July. Their average workweek increased .4 hours, to 41.9 hours.

Over the year nonagricultural wage and salary employment advanced 10,700. Improvements occurred in the nonmanufacturing sector, especially services, construction, and retail trade. Manufacturing industries lost 1,800 workers from last year due to declines in nonelectrical machinery and transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

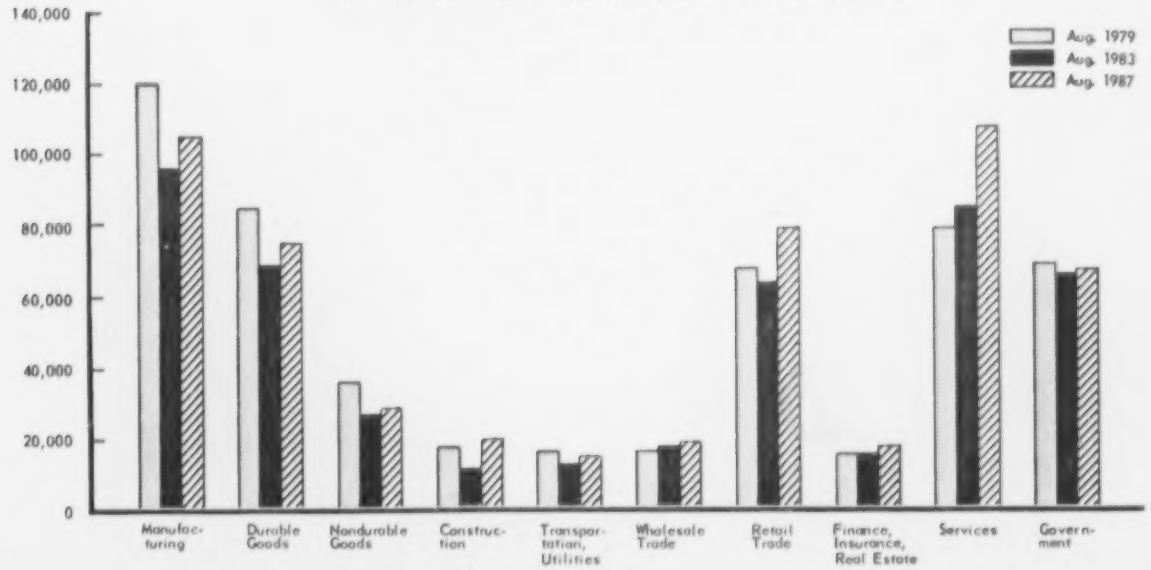


DAYTON-SPRINGFIELD MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
462.0	431.6	30.4	6.6	1986	420.9	106.1	68.4	514.88	42.8	12.03
				1986						
463.0	433.8	29.2	6.3	July	417.5	106.2	68.0	511.28	42.5	12.03
463.0	432.5	30.5	6.6	August	420.6	106.5	68.1	502.25	42.1	11.93
459.6	428.0	31.6	6.9	September	427.6	106.8	68.8	516.52	42.9	12.04
467.0	437.8	29.2	6.3	October	429.7	106.4	68.5	502.74	42.0	11.97
470.2	441.9	28.3	6.0	November	431.2	106.3	68.8	505.83	42.4	11.93
468.0	437.9	30.0	6.4	December	432.1	106.5	69.0	509.32	42.8	11.90
				1987						
460.5	429.6	30.9	6.7	January	423.9	105.8	68.4	500.22	42.0	11.91
462.2	428.7	33.5	7.2	February	423.9	105.1	67.9	505.56	42.2	11.98
457.8	430.1	27.7	6.1	March	426.2	104.9	67.5	494.15	41.7	11.85
462.4	436.4	26.0	5.6	April	431.4	105.2	68.0	486.10	41.3	11.77
466.0	439.2	26.7	5.7	May	433.8	104.7	67.5	486.04	41.4	11.74
467.3	439.0	28.4	6.1	June	433.5	104.7	67.3	502.18	42.2	11.90
467.1	442.3	24.8	5.3	July	428.7	104.1	66.1	492.19	41.5	11.86
INA	INA	INA	INA	August	431.3	104.7	66.6	497.35	41.9	11.87

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	431.3	428.7	420.6	2.6	10.7
MANUFACTURING	104.7	104.1	106.5	.6	- 1.8
Durable Goods[e]	75.2	75.0	77.3	.2	- 2.1
Fabricated metal products	8.2	8.2	8.6	.0	- .4
Machinery, except electrical	30.2	30.2	31.9	.0	- 1.6
Metalworking machinery	6.5	6.4	6.9	.2	- .4
General industrial machinery	2.5	2.6	2.6	- .1	- .2
Electric and electronic equipment	6.1	6.0	5.7	.2	.4
Electrical industrial apparatus	3.7	3.5	3.4	.1	.3
Transportation equipment	21.0	21.1	21.9	- .1	- .9
Nondurable Goods[f]	29.4	29.1	29.2	.3	.2
Food and kindred products	3.1	3.0	2.8	.1	.3
Paper and allied products	6.0	5.9	5.8	.1	.3
Printing and publishing	8.7	8.7	8.5	.0	.2
Rubber and misc. plastics products	7.8	7.7	8.3	.1	- .5
NONMANUFACTURING[g]	326.6	324.6	314.1	2.0	12.5
CONSTRUCTION	20.3	19.8	16.9	.5	3.4
TRANSPORTATION AND PUBLIC UTILITIES	15.2	15.1	14.9	.1	.3
Communication, electric, gas services	5.7	5.8	6.1	.0	- .4
WHOLESALE TRADE	19.1	19.0	18.9	.0	.2
Wholesale trade-durable goods	13.1	13.1	12.9	.0	.2
RETAIL TRADE	79.4	78.8	76.4	.5	3.0
General merchandise stores	11.2	11.1	11.3	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	18.3	18.2	17.7	.1	.6
Banking	4.4	4.4	4.3	.0	.1
Credit agencies other than banks	4.6	4.6	4.5	.0	.1
Insurance carriers	2.8	2.8	2.9	.0	- .1
SERVICES	107.0	106.3	101.1	.7	5.9
Business services	27.0	26.9	24.7	.1	2.3
Health services	36.0	35.7	34.6	.3	1.4
Hospitals	18.6	18.5	18.2	.1	.4
Educational services	4.4	4.6	4.9	- .2	- .5
GOVERNMENT	66.9	66.9	67.8	.0	- 1.0
Federal government	28.3	28.3	28.1	.0	.1
State government	6.4	6.5	6.0	- .1	.4
State government education[1]	3.5	3.5	3.3	- .1	.2
State government, except education	3.0	3.0	2.7	.0	.2
Local government	32.2	32.1	33.7	.1	- 1.6
Local government education	17.0	16.8	18.6	.1	- 1.6
Local government, except education	15.2	15.2	15.1	- .1	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

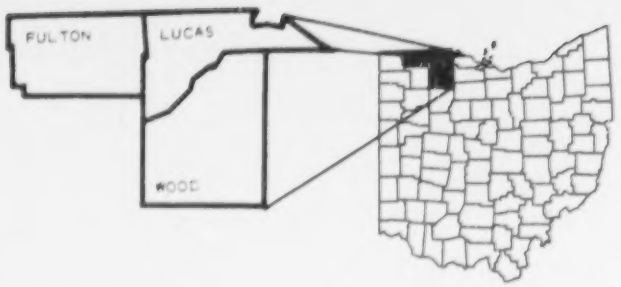
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$497.35	$492.19	$502.25	41.9	41.5	42.1	$11.87	$11.86	$11.93
Durable Goods[e]	509.35	502.11	516.38	42.2	41.6	42.5	12.07	12.07	12.15
Fabricated metal products	379.03	371.60	364.40	40.8	40.0	40.0	9.29	9.29	9.11
Machinery, except electrical	555.98	548.70	551.10	43.2	42.7	43.6	12.87	12.85	12.64
Metalworking machinery	542.08	532.84	532.28	44.8	44.0	45.3	12.10	12.11	11.75
General industrial machinery	459.80	456.22	444.79	42.3	42.4	42.2	10.87	10.76	10.54
Electric and electronic equipment	439.40	410.28	409.40	44.7	43.6	43.6	9.83	9.41	9.39
Electrical industrial apparatus	506.52	456.28	495.26	46.3	44.0	45.9	10.94	10.37	10.79
Transportation equipment	588.14	584.86	612.50	40.9	40.7	42.3	14.38	14.37	14.48
Nondurable Goods[f]	466.16	460.43	462.79	41.4	41.0	41.1	11.26	11.23	11.26
Food and kindred products	365.49	362.23	367.16	43.1	43.8	43.4	8.48	8.27	8.46
Paper and allied products	504.97	492.94	449.36	46.2	45.6	43.5	10.93	10.81	10.33
Printing and publishing	410.89	410.67	419.61	37.8	37.3	39.4	10.87	11.01	10.65
Rubber and misc. plastics products	558.18	554.13	583.61	39.7	39.3	40.5	14.06	14.10	14.41
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	544.59	552.90	518.89	40.4	41.2	40.1	13.48	13.42	12.94
WHOLESALE TRADE	428.82	429.00	388.97	42.0	42.1	40.1	10.21	10.19	9.70
RETAIL TRADE[h]	161.58	160.18	157.10	28.7	28.4	29.2	5.63	5.64	5.38
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	362.14	364.23	335.61	34.1	34.2	33.0	10.62	10.65	10.17

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	2,551	2,758	2,889
Active File of Job Seekers	21,533	21,782	25,847
Referrals to Jobs	1,291	4,027	2,130
Placements	370	3,015	432
Job Openings Received	988	3,656	1,028
Job Openings Unfilled	1,930	1,585	1,325
Unemployment Insurance Program			
Initial Claims	7,739	4,072	4,904
Continued Claims	27,301	27,342	25,416
First Payments	1,957	1,705	1,829
Last Payments	432	562	450
Weeks Compensated	20,095	23,225	20,516
Benefits Paid	$2,790,387	$3,156,631	$ 2,776,062
Average Weekly Payment	$141.68	$138.84	$138.02

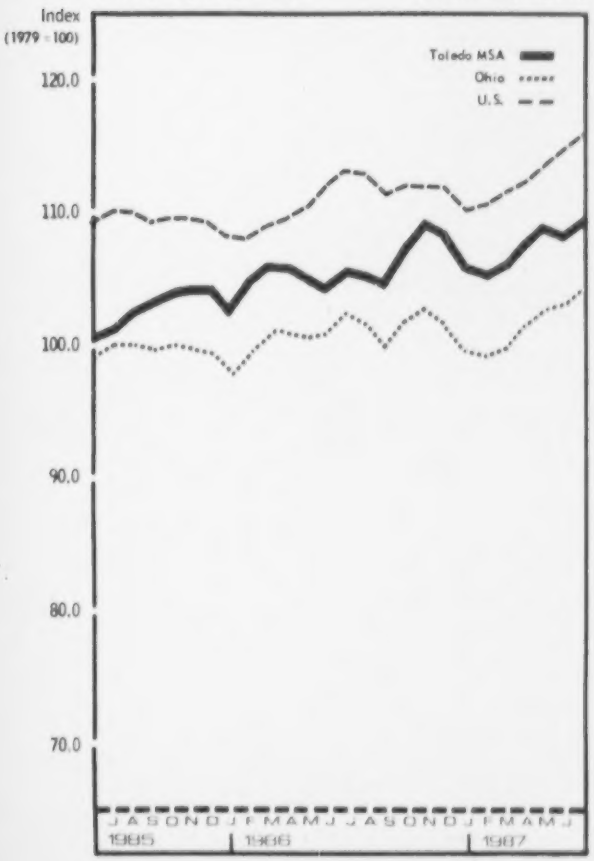
TOLEDO METROPOLITAN STATISTICAL AREA



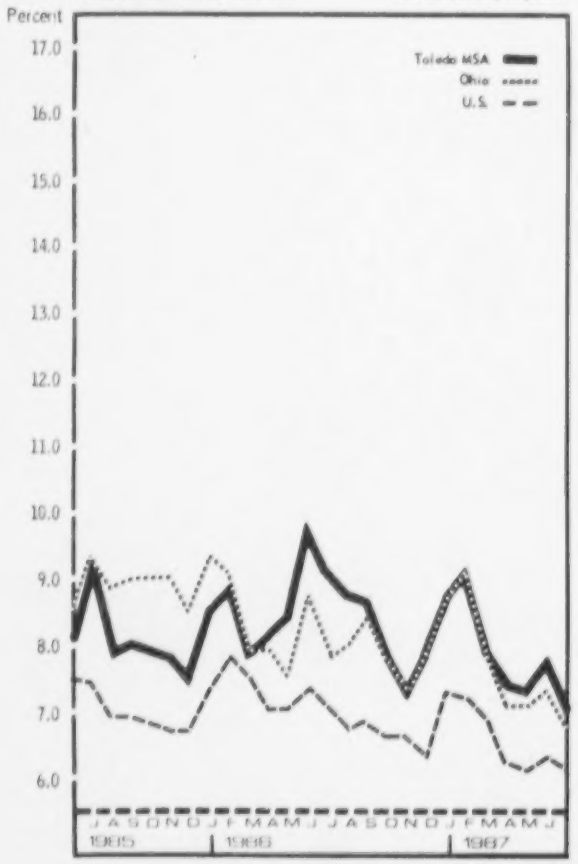
Total nonfarm employment in the Toledo metropolitan area advanced 1,700 from July, to 284,000 in August. Nonmanufacturing employment increased 600 over the month. Growth in services and construction overshadowed seasonal losses in state and local schools and universities. Manufacturing employment rose 1,100 due primarily to seasonal gains in the canning industry. Production workers earned an average of $12.62 per hour, down $.05 from July. Their average workweek of 42.5 hours was 1.2 hours longer.

Nonagricultural wage and salary employment increased 12,500 from August 1986 to August 1987. Nonmanufacturing industries recorded 13,900 additional jobs. Significant growth was noted in health and business services, retail trade, and construction. Manufacturing employment declined 1,400 over the period. Reductions in stone, clay, and glass products, fabricated metal products, and electric and electronic equipment contributed most to the loss.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

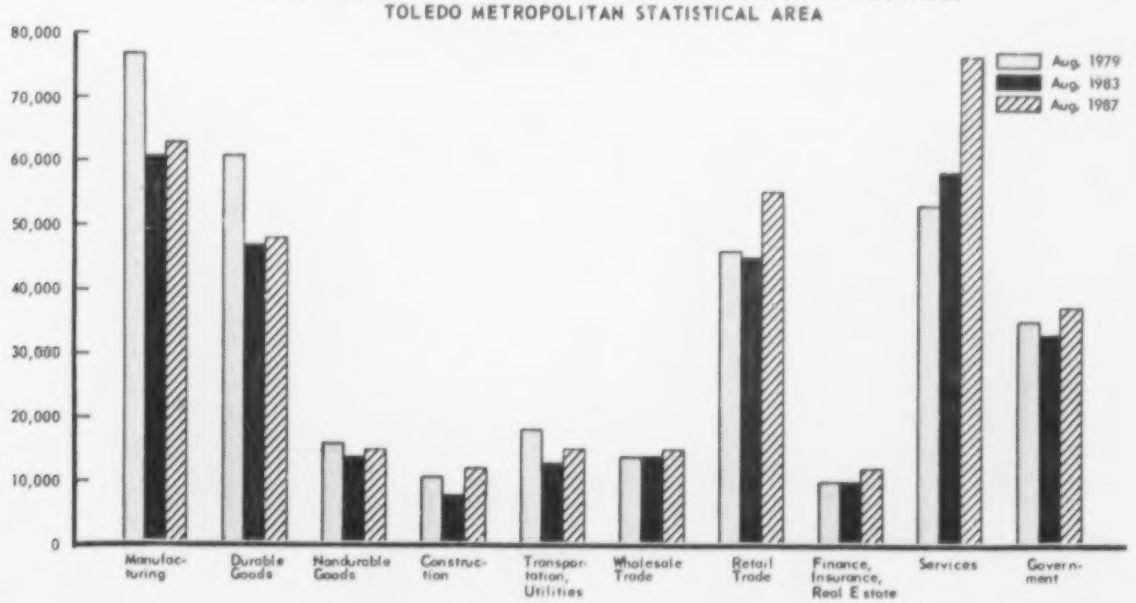


TOLEDO MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29
308.0	282.2	25.9	8.4	1986	273.0	63.6	44.4	527.03	42.4	12.43
				1986						
309.9	281.8	28.1	9.1	July	268.6	63.0	43.6	526.25	42.1	12.50
308.2	281.2	26.9	8.7	August	271.5	64.1	44.7	519.90	42.2	12.32
305.6	279.3	26.3	8.6	September	277.3	64.5	45.3	524.36	42.7	12.28
311.5	287.2	24.3	7.8	October	280.0	63.4	44.2	531.65	42.6	12.48
314.6	291.9	22.7	7.2	November	283.0	63.1	44.5	524.99	42.1	12.47
313.7	289.1	24.5	7.8	December	283.4	63.0	44.5	538.40	42.9	12.55
				1987						
309.1	282.2	26.9	8.7	January	276.6	63.0	44.5	554.63	43.5	12.75
309.3	281.2	28.1	9.1	February	276.3	62.7	44.1	547.78	43.2	12.68
307.3	282.9	24.4	7.9	March	278.7	62.5	44.1	543.56	42.8	12.70
310.9	287.9	23.0	7.4	April	282.7	62.3	44.0	537.21	42.4	12.67
314.0	291.1	22.8	7.3	May	285.6	62.0	43.5	532.55	41.9	12.71
313.7	289.3	24.4	7.8	June	283.8	62.2	43.6	529.19	41.8	12.66
314.9	292.9	22.0	7.0	July	282.3	61.7	43.0	523.27	41.3	12.67
INA	INA	INA	INA	August	284.0	62.7	44.0	536.35	42.5	12.62

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	284.0	282.3	271.5	1.7	12.5
MANUFACTURING	62.7	61.7	64.1	1.1	- 1.4
Durable Goods[e]	47.7	47.5	49.1	.2	- 1.4
Stone, clay, and glass products	7.9	7.9	8.7	.1	- .8
Primary metal industries	3.1	3.0	3.2	.1	- .1
Fabricated metal products	7.2	7.3	7.5	- .1	- .3
Metal forgings and stampings	3.0	3.2	3.1	- .2	- .1
Machinery, except electrical	6.2	6.1	6.0	.1	.2
Electric and electronic equipment	2.7	2.7	3.0	.0	- .3
Transportation equipment	16.2	16.2	16.2	.0	.0
Motor vehicles and equipment	15.3	15.3	15.2	- .1	.1
Nondurable Goods[f]	15.0	14.2	15.0	.8	.0
Food and kindred products	4.5	3.7	4.3	.8	.2
Rubber and misc. plastics products	3.0	3.2	3.1	- .1	- .1
NONMANUFACTURING[g]	221.3	220.7	207.4	.6	13.9
CONSTRUCTION	11.8	11.5	10.8	.4	1.1
TRANSPORTATION AND PUBLIC UTILITIES	14.9	14.8	14.2	.2	.7
Trucking and warehousing	5.9	5.9	5.5	.1	.5
Communication, electric, gas services	5.1	5.1	5.1	.0	.0
WHOLESALE TRADE	14.9	14.9	14.6	.0	.3
Wholesale trade-durable goods	9.8	9.8	9.7	.0	.1
RETAIL TRADE	55.1	54.8	52.4	.2	2.7
General merchandise stores	7.1	7.0	7.0	.1	.1
FINANCE, INSURANCE, AND REAL ESTATE	11.7	11.7	11.2	.0	.5
Banking	3.6	3.6	3.5	.0	.0
SERVICES	75.9	75.4	67.7	.5	8.2
Business services	15.3	15.0	13.2	.3	2.1
Health services	30.0	29.9	26.3	.1	3.7
Hospitals	15.6	15.6	14.9	.0	.7
GOVERNMENT	36.8	37.5	36.3	- .7	.5
State government	12.1	12.4	11.5	- .3	.5
State government education[i]	7.9	8.2	7.4	- .3	.5
State government, except education	4.1	4.2	4.1	- .1	.1
Local government	22.1	22.4	22.2	- .4	- .1
Local government education	11.4	11.6	11.5	- .2	- .1
Local government, except education	10.7	10.9	10.7	- .2	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

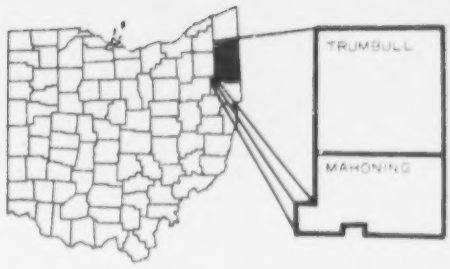
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$536.35	$523.27	$519.90	42.5	41.3	42.2	$12.62	$12.67	$12.32
Durable Goods[e]	562.82	542.75	547.36	42.8	41.4	42.3	13.15	13.11	12.94
Stone, clay, and glass products	484.34	505.93	539.61	39.7	40.9	43.1	12.20	12.37	12.52
Primary metal industries	464.62	456.92	485.83	42.2	41.5	43.3	11.01	11.01	11.22
Fabricated metal products	527.50	515.85	506.20	42.2	41.5	41.8	12.50	12.43	12.11
Metal forgings and stampings	662.63	615.90	627.30	45.2	43.1	45.0	14.66	14.29	13.94
Machinery, except electrical	488.45	487.41	463.68	42.4	42.2	41.4	11.52	11.55	11.20
Electric and electronic equipment	521.66	515.01	565.92	41.8	41.6	43.2	12.48	12.38	13.10
Transportation equipment	690.62	641.18	653.31	44.7	41.5	42.7	15.45	15.45	15.30
Motor vehicles and equipment	691.53	641.39	656.30	44.5	41.3	42.7	15.54	15.53	15.37
Nondurable Goods[f]	450.28	459.79	433.26	41.5	41.2	41.7	10.85	11.16	10.39
Food and kindred products	507.48	568.32	469.37	43.9	44.4	43.3	11.56	12.80	10.84
Rubber and misc. plastics products	321.57	316.29	319.58	39.7	39.0	40.3	8.10	8.11	7.93
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	610.69	622.87	624.66	41.6	42.2	43.5	14.68	14.76	14.36
WHOLESALE TRADE	355.13	357.78	347.97	37.5	37.9	37.7	9.47	9.44	9.23
RETAIL TRADE[h]	166.24	162.21	157.11	29.9	29.6	29.7	5.56	5.48	5.[illegible]

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	1,618	2,442	2,434
Active File of Job Seekers	17,277	18,035	25,551
Referrals to Jobs	1,409	2,663	2,182
Placements	637	754	571
Job Openings Received	703	1,379	1,138
Job Openings Unfilled	1,584	1,859	1,024
Unemployment Insurance Program			
Initial Claims	3,140	4,789	6,683
Continued Claims	22,663	28,063	33,949
First Payments	1,208	1,468	3,711
Last Payments	334	497	853
Weeks Compensated	17,238	21,451	25,426
Benefits Paid	$2,413,759	$3,026,681	$3,877,405
Average Weekly Payment	$149.95	$144.12	$156.10

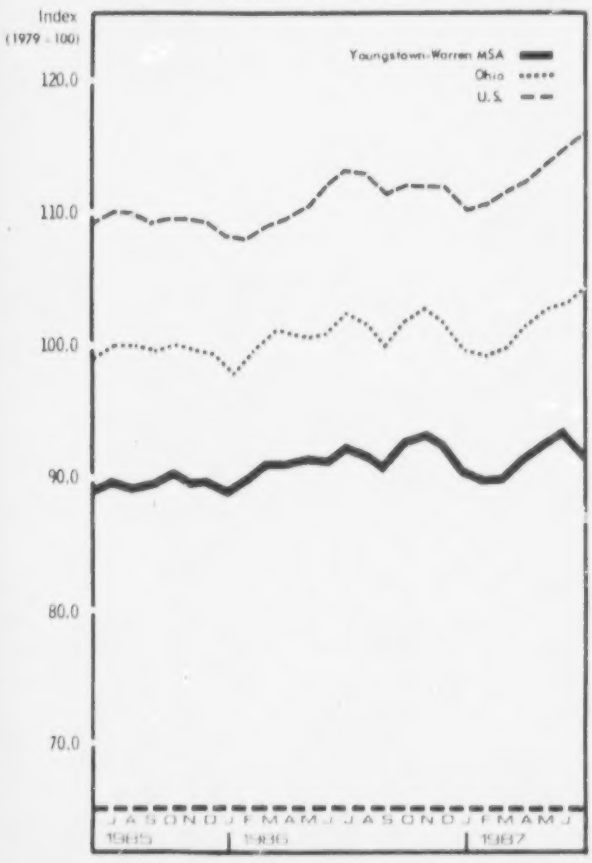
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



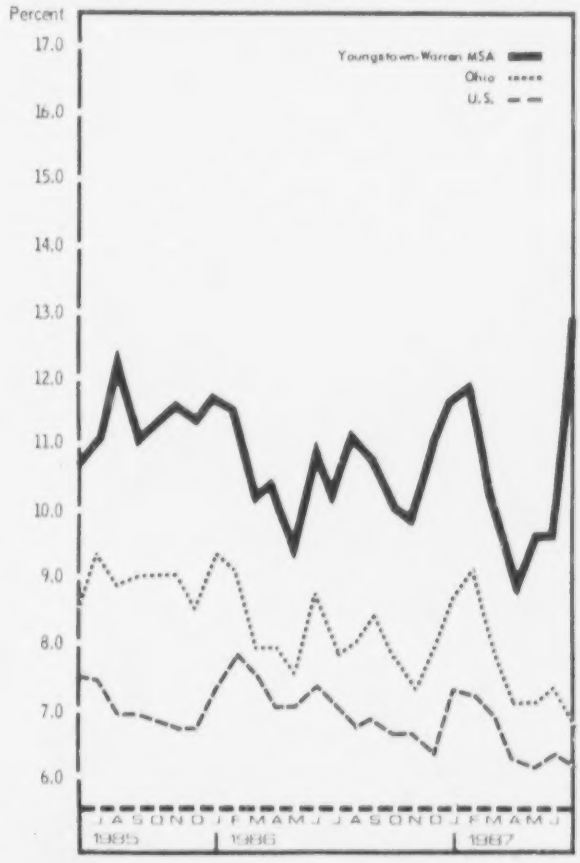
In the Youngstown-Warren metropolitan area, nonagricultural wage and salary employment totaled 189,100 in August, up 1,900 from July. Manufacturing employment, at 47,500, was up 2,000 over the month. Most of the increase occurred in transportation equipment. The decline in nonmanufacturing resulted from layoffs of nonteaching employees in state schools and colleges. Factory workers earned $12.97 per hour and worked an average of 41.8 hours per week, up $.07 and down .2 hours from last month.

Over the year, nonagricultural wage and salary employment increased 1,300. Although all nonmanufacturing divisions recorded gains, services, construction, and retail trade had the most noteworthy growth. Employment in manufacturing dropped 4,000, due to a significant loss in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

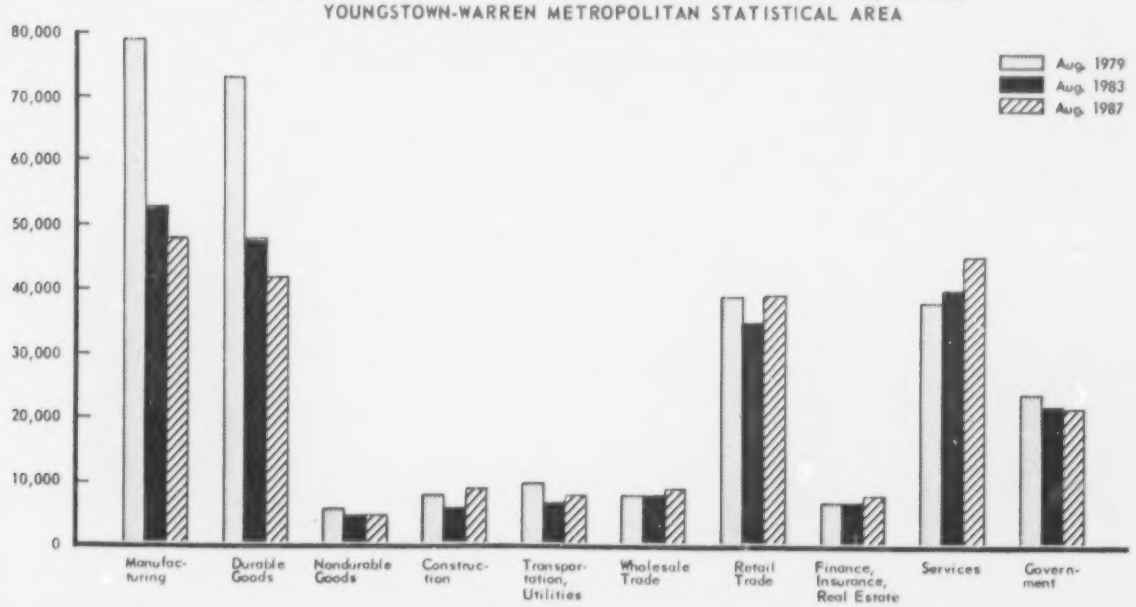


YOUNGSTOWN-WARREN MSA LABOR FORCE & EMPLOYMENT DATA
(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	$277.29	39.5	$ 7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24
224.9	201.1	23.8	10.6	1986	188.2	52.0	38.9	553.28	41.6	13.30
				1986						
226.0	203.2	22.8	10.1	July	187.6	51.5	38.4	542.93	41.1	13.21
226.7	201.4	25.2	11.1	August	187.8	51.5	38.5	541.03	41.3	13.10
223.2	199.4	23.8	10.7	September	191.1	52.3	39.4	557.69	41.9	13.31
226.4	203.7	22.7	10.0	October	191.7	52.3	39.5	544.75	41.3	13.19
227.6	205.2	22.4	9.8	November	191.9	52.2	39.3	558.11	41.9	13.32
228.7	203.6	25.1	11.0	December	192.5	52.2	39.5	579.58	42.9	13.51
				1987						
224.7	198.8	26.0	11.6	January	187.9	51.1	38.4	577.37	42.8	13.49
224.2	197.4	26.8	11.9	February	187.2	51.1	38.3	580.13	43.1	13.46
220.5	198.1	22.4	10.2	March	188.6	51.4	38.8	579.79	43.3	13.39
221.0	201.7	19.3	8.7	April	191.3	51.6	38.9	571.94	43.1	13.27
225.5	204.0	21.6	9.6	May	193.3	50.9	38.2	565.78	42.7	13.25
227.2	205.5	21.8	9.6	June	194.8	51.1	38.3	566.67	42.8	13.24
231.1	201.3	29.8	12.9	July	187.2	45.5	32.8	541.80	42.0	12.90
INA	INA	INA	INA	August	189.1	47.5	34.9	542.15	41.8	12.97

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1987[b]	July 1987[c]	August 1986[c]	From Last Month	From Last Year
TOTAL	189.1	187.2	187.8	1.9	1.3
MANUFACTURING	47.5	45.5	51.5	2.0	- 4.0
Durable Goods[e]	42.1	40.1	46.1	2.0	- 4.0
Primary metal industries	19.5	18.8	19.3	.7	.1
Blast furnace and basic steel products	6.7	6.9	6.2	- .1	.5
Fabricated metal products	7.7	7.7	7.5	.1	.3
Machinery, except electrical	3.4	3.5	3.8	- .1	- .4
Electric and electronic equipment	2.3	2.3	2.4	.0	- .1
Transportation equipment	5.9	4.6	10.0	1.3	- 4.0
Nondurable Goods[f]	5.4	5.4	5.4	.0	.0
NONMANUFACTURING[g]	141.6	141.7	136.3	- .1	5.3
CONSTRUCTION	9.4	9.3	8.0	.2	1.4
TRANSPORTATION AND PUBLIC UTILITIES	8.1	8.0	7.9	.1	.2
Communication, electric, gas services	3.1	3.1	3.2	.0	- .1
WHOLESALE TRADE	9.4	9.4	9.2	.0	.2
Wholesale trade-durable goods	6.0	6.0	6.0	- .1	- .1
RETAIL TRADE	38.7	38.6	37.5	.1	1.2
General merchandise stores	5.6	5.6	5.4	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	8.5	8.5	8.2	.0	.3
Banking	2.8	2.8	2.8	.0	.0
SERVICES	45.4	45.5	43.8	- .1	1.6
Health services	20.2	20.1	19.3	.1	.9
Hospitals	10.5	10.5	10.4	.0	.1
GOVERNMENT	21.5	21.8	21.0	- .3	.5
State government	3.2	3.5	3.3	- .4	- .1
State government education[1]	1.7	2.0	1.7	- .3	.0
State government, except education	1.5	1.6	1.6	- .1	- .1
Local government	16.2	16.2	15.7	.0	.5
Local government education	9.7	9.6	9.1	.0	.5
Local government, except education	6.6	6.6	6.6	.0	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1987[b]	July 1987[c]	August 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]	Aug. 1987[b]	Jul. 1987[c]	Aug. 1986[c]
MANUFACTURING	$542.15	$541.80	$541.03	41.8	42.0	41.3	$12.97	$12.90	$13.10
Durable Goods[e]	556.92	556.20	558.59	42.0	42.2	41.5	13.26	13.18	13.46
Primary metal industries	610.14	608.52	584.75	42.4	42.2	40.3	14.39	14.42	14.51
Blast furnace and basic steel products	621.05	607.47	601.39	45.2	44.7	40.8	13.74	13.59	14.74
Fabricated metal products	504.27	523.16	536.49	39.8	41.0	41.3	12.67	12.76	12.99
Machinery, except electrical	490.56	480.28	461.35	42.0	41.8	40.9	11.68	11.49	11.28
Electric and electronic equipment	437.00	434.32	407.79	39.8	39.7	39.4	10.98	10.94	10.35
Transportation equipment	630.90	631.58	640.01	45.0	45.8	44.6	14.02	13.79	14.35
Nondurable Goods[f]	409.42	419.52	358.59	40.1	40.3	38.6	10.21	10.41	9.29
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	552.27	558.55	524.21	40.4	40.8	40.2	13.67	13.69	13.04
WHOLESALE TRADE	336.80	341.00	333.59	37.8	38.1	38.3	8.91	8.95	8.71
RETAIL TRADE[h]	174.94	175.23	168.26	29.5	29.5	30.1	5.93	5.94	5.59

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1987	July 1987	August 1986
Employment Service Program			
New Applicants	2,362	2,746	2,494
Active File of Job Seekers	18,953	19,026	31,863
Referrals to Jobs	1,919	1,805	1,977
Placements	876	372	803
Job Openings Received	984	636	1,043
Job Openings Unfilled	630	664	664
Unemployment Insurance Program			
Initial Claims	3,292	12,542	9,775
Continued Claims	31,835	37,826	33,[illegible]
First Payments	4,750	1,969	5,754
Last Payments	328	441	379
Weeks Compensated	28,527	29,945	26,941
Benefits Paid	$4,660,409	$4,667,565	$4,202,917
Average Weekly Payment	$165.94	$159.97	$159.89

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	40
Manufacturing	56
Nonmanufacturing	35
Mining	56
Construction	17
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	20
Finance, Insurance, and Real Estate	42
Services and Miscellaneous	26
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1986 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	August 1987	July 1987	August 1986
New Applicants	40,304	44,514	50,487
Active File of Job Seekers	288,038	292,626	406,600
Counseling Interviews	1,243	1,218	1,714
Tests Administered	2,897	3,080	6,063
General Aptitude Tests	369	429	336
Proficiency Tests	556	518	670
Specific Aptitude Tests	517	532	754
Referrals to Jobs	28,897	32,426	32,477
Placements	9,417	12,915	11,136
Job Openings Received	16,847	20,364	20,417
Job Openings Unfilled	25,903	23,787	28,997

Selected Unemployment Insurance Activities

	August 1987	July 1987	August 1986
Initial Claims	53,967	79,012	66,356
Continued Claims	362,485	435,982	433,004
First Payments	24,915	24,011	32,178
Last Payments	6,340	8,333	8,277
Average Weekly Claimants	89,491	93,084	104,764
Average Weekly Benefit Recipients	71,759	74,480	82,718
Weeks Compensated	295,614	357,502	360,260
Benefits Paid	$43,051,073	$51,775,703	$52,509,690
Average Weekly Payment	$148.81	$148.36	$149.14
Continued Claims for Survey Week	83,063	99,137	99,627
Insured Unemployment Rate	2.1	2.2	2.5
Net Contributions	$161,295,796	$71,318,012	$147,934,564
Active Employer Accounts	195,513	196,496	193,196

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 481-5783.

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